DSLSeriesModule Connector

Product Description 2020 Edition

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Yonggui Connector Connector Expert

-HTTP://UWUU.4ONGGUI-SC.COM/

CONTENTS

1Products

Products & Applications

DSL Series Module Connector	
Product Pictures	
Product Applications	DSL connector is an electrical connector with modular structure, which is used in cabinets or panels of rail traffic, and can be divided into standard installation or floating installation. The connector consists of two units, the module and the framework, and is divided into two series, V and B. The modules can be combined arbitrarily according to the number of steps and the length of the frame.
	  

2 Connector Model Definition

Model Definition

<table>
<tr><td colspan="2">DSL</td><td>VA</td><td rowspan="3">(11Y+2Y)</td><td rowspan="5">001</td><td rowspan="5">-P</td><td rowspan="6">A1</td></tr>
<tr><td colspan="2">Product code: DSL</td></tr>
<tr><td colspan="3">② Series name:
V Series: VA, VB, VC, VD, VE
B Series</td></tr>
<tr><td colspan="5">③ Module composition: for example, 11X+2Y is 11 X modules and 2 Y modules;
X:5-core module (crimp type)
X1: 5-core module (welding board type-9mm)
X2: 5-core module (welding board type-5mm)
Y:3-core module (crimp type)
Z:2-core module (crimp type)
Z1:2-core module (welding type-9mm)
N:5-core module (crimp type, staggered module fit)
M: 3-core module (crimp type, staggered module fit)</td></tr>
<tr><td colspan="5">④ Module arrangement code:
See module arrangement for details</td></tr>
<tr><td colspan="6">⑤ Connector type:
P:Plug R:Socket</td></tr>
<tr><td colspan="7">6 Expansion
1, 2, 3, 4 .....
A1, A2, A3, A4 .....
(Basic type omitted)</td></tr>
</table>

3 V Series Module Connector

3.1 Product Details

Type of Framework	3D Graphics	Maximum Number of Cores	Mounting Location	Structural Characteristics
VA		50 core	In front of the cabinet, inside the cabinet	Plastic housing protection, side outlet; Locking with locking knob; There are 36 different coding methods.
VB		70 core	Cabinet	Locking with locking knob; There are 36 different coding methods.
VC		70 core	Rear of cabinet	With guiding structure, it can realize blind insertion; when connectors are inserted in pairs, after guiding and positioning, they can be adjusted by floating on both sides, and the range of adjustment is φ2.3mm.
VD		50-core	Rear of cabinet	With guiding structure, it can realize blind insertion; when connectors are inserted in pairs, after guiding and positioning, it can be adjusted by floating on one side, and the range of adjustment on one side is φ2.3mm.
VE		25-core	In front of the cabinet, inside the cabinet	Plastic housing protection, side outlet; Locked with two side hook and loop fasteners.

YONGGUI Electric Equipment DSL SERIES MODULE CONNECTOR

3.2 Main Technical Parameters

Technical Parameters		
Working Environment	-Temperature: -55℃~+125℃	
	Humidity: 95% (at 40℃)	
Electrical Parameters	-Rated operating current: 10A(φ1.5) -Contact resistance: ≤2.5mΩ(φ1.5) -Insulation resistance: ≥5000MΩ(normal)	
	15A(φ2.5) ≤1.5mQ(φ2.5)	
	50A(φ3.5) ≤1.0mΩ(φ3.5)	
	-Rated operating voltage: 300V (φ1.5)-Withstanding voltage: 1500V AC 50Hz (normal) (φ1.5)	
	220V(φ2.5)	2000V AC 50Hz(normal) (φ2.5)
	500V(φ3.5)	2500V AC 50Hz(normal) (φ3.5)
Note: φ1.5-X module; φ2.5-Y module; φ3.5-Z module		
Mechanical Property	-Mechanical life: 750 times	
	- Vibration: confirms to GB/T21563 in Class 1, Level B provisions.	
	- Impact: Conforms to GB/T21563 Class 1, Level B provisions.	
Other Property	Flame retardant: EN45545	
	Environmental protection: RoHS	

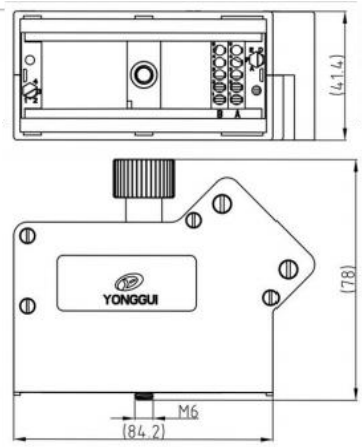
3.3 Types of Frameworks

V-Series Module Connector-VA

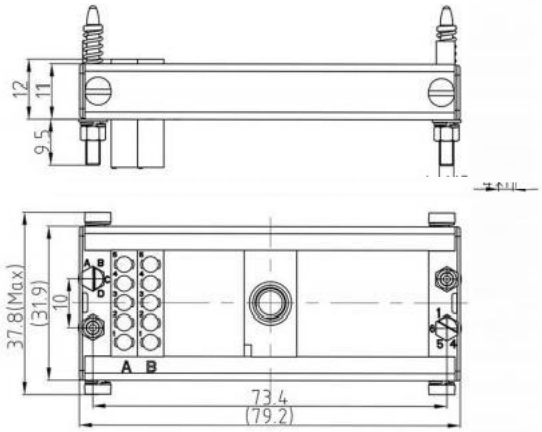
Framework Introduction

· 5 steps on one side, 10 steps in total (1 step is 5.5mm)
· Lock with the handle, housing with side outlet wires
· Unless otherwise requested, connectors are supplied in F5 code.

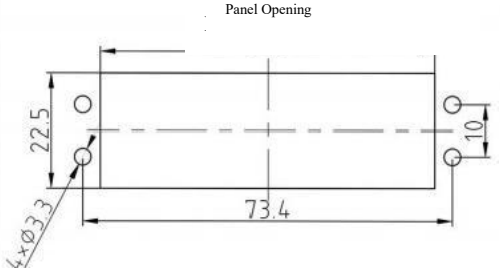
Plug Profile

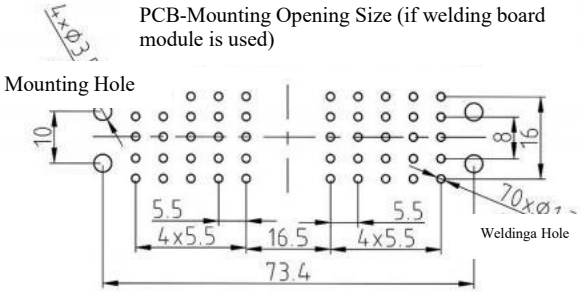


Socket Profile



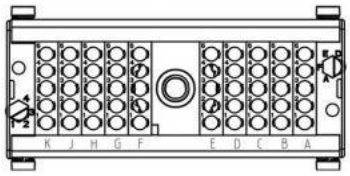
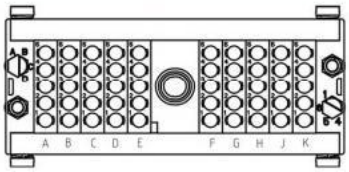
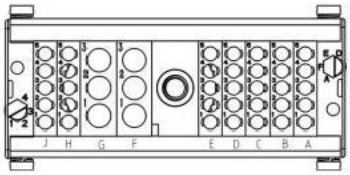
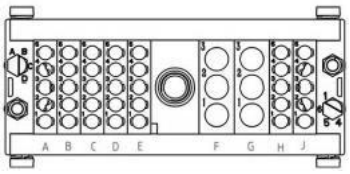
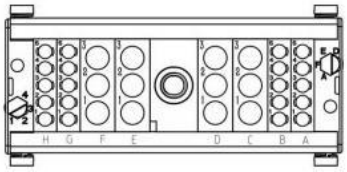
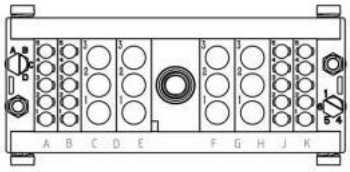
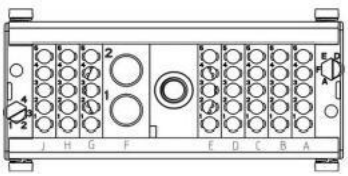
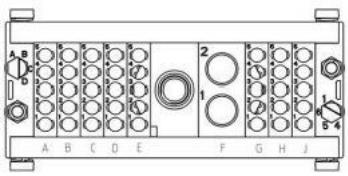
Opening Size





Note: VA framework has a maximum of 50 cores; straight welding PCB board opening size is as shown above. If there are other needs, please call for advice.

3.3 Types of Frameworks

V-Series-VA Module Arrangement								
001	Plug 001				Socket 001			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVA10X001P Plug	115010029201	50	Crimp	DSLVA10X001R Socket	11516001 2201	50	Crimp
					DSLVA10X1001R Socket	115160012301	50	Straight Welding Board
					DSLVA10X2001R Socket	1151 10023601	50	Straight Welding Board
002	Plug 002				Socket 002			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	Plug DSLVA(7X+2Y)002P	115010029301	35+6	Crimp	DSLVA(7X+2Y)0O2R socket	115160012401	35+6	Crimp
003	Plug 003				Socket 003			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	Plug DSLVA(4X+4Y)003P	115010029401	20+12	Crimp	DSLVA(4X+4Y)003R Socket	115160012501	20+12	Crimp
004	Plug 004				Socket 004			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	Plug DSLVA(8X+Z)004P	115010029501	40+2	Crimp	DSLVA(8X+Z)004R Socket	115160012601	40+2	Crimp

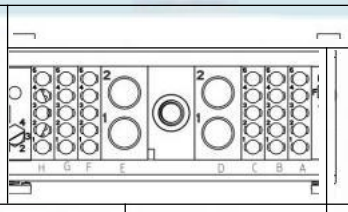
Note: For other requirements, please call us.

3.3 Types of Frameworks

V-Series-VA Module Arrangement

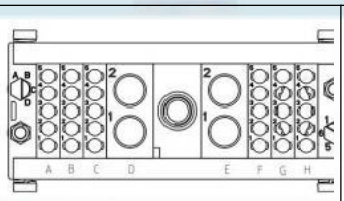
005

Plug 005



Product Name	Order No.	Core Number	Notes
Plug DSLVA(6X+2Z)005P	115010029601	30+4	Crimp

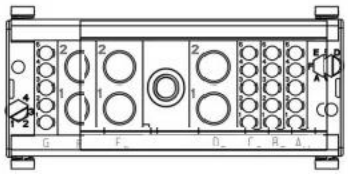
Socket 005



Product Name	Order No.	Core Number	Notes
DSLVA(6X+2Z)005R Socket	115160012701	30+4	Crimp

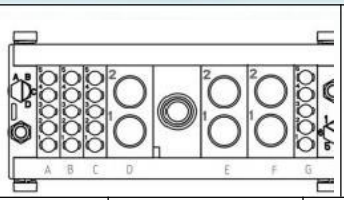
009

Plug 006



Product Name	Order No.	Core Number	Notes
Plug DSLVA(4X+3Z)006P	115010029701	20+6	Crimp

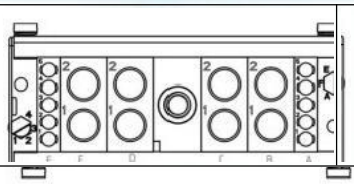
Socket 006



Product Name	Order No.	Core Number	Notes
DSLVA(4X+3Z)006R Socket	115160012801	20+6	Crimp

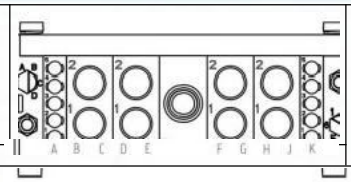
007

Plug 007



Product Name	Order No.	Core Number	Notes
Plug DSLVA(2X+4Z)007P	115010029801	10+8	Crimp

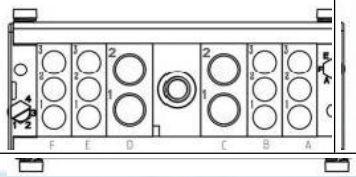
Socket007



Product Name	Order No.	Core Number	Notes
DSLVA(2X+4Z)007R Socket	115160012901	10+8	Crimp

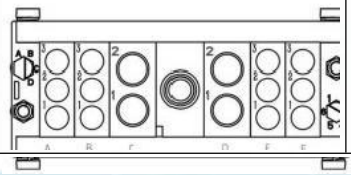
008

Plug 008



Product Name	Order No.	Core Number	Notes
Plug DSLVA(4Y+2Z)008P	115010029901	12+4	Crimp

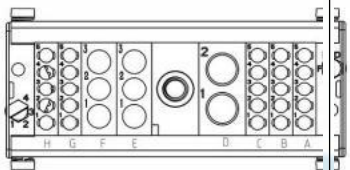
Socket 008



Product Name	Order No.	Core Number	Notes
DSLVA(4Y+2Z)008R Socket	11516001 3001	12+4	Crimp

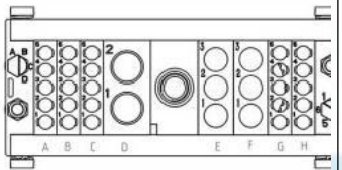
006

Plug 009



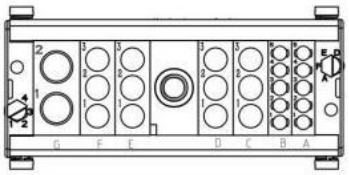
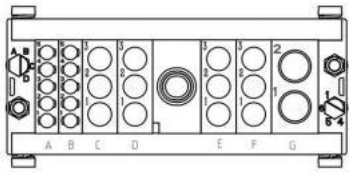
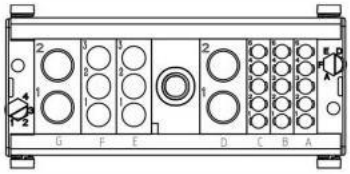
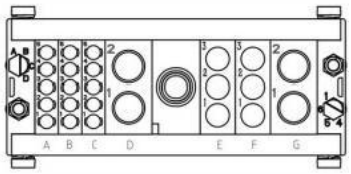
Product Name	Order No.	Core Number	Notes
Plug DSLVA(5X+2Y+Z)009P	115010030001	25+6+2	Crimp

Socket009



Product Name	Order No.	Core Number	Notes
DSLVA(5X+2Y+Z)009R Socket	115160013101	25+6+2	Crimp

3.3 Types of Frameworks

<table>
<tr><th colspan="10">V-Series-VA Module Arrangement</th></tr>
<tr><td rowspan="3">010</td><td colspan="5">Plug010</td><td colspan="4">Socket010</td></tr>
<tr><td colspan="5">  </td><td colspan="4">  </td></tr>
<tr><td>Product Name</td><td>Order No.</td><td>Core Number</td><td>Notes</td><td>Product Name</td><td>Order No.</td><td>Core Number</td><td>Notes</td></tr>
<tr><td></td><td>DSLVA(2X+4Y+Z)010P Plugs</td><td>11501003010101</td><td>10+12+2</td><td>Crimp</td><td>DSLVA(2X+4Y+Z)010R Socket</td><td>115160013201</td><td>10+12+2</td><td>Crimp</td></tr>
<tr><td rowspan="3">011</td><td colspan="5">Plug 011</td><td colspan="4">Socket 011</td></tr>
<tr><td colspan="5">  </td><td colspan="4">  </td></tr>
<tr><td>Product Name</td><td>Order No.</td><td>Core Number</td><td>Notes</td><td>Product Name</td><td>Order No.</td><td>Core Number</td><td>Notes</td></tr>
<tr><td></td><td>DSLVA(3X+2Y+2Z)011P Plugs</td><td>115010030201</td><td>15+6+4</td><td>Crimp</td><td>DSLVA(3X+2Y+2Z)011R Socket</td><td>115160013301</td><td>15+6+4</td><td>Crimp</td></tr>
</table>

Note: For other requirements, please call us.

3.3 Types of Frameworks

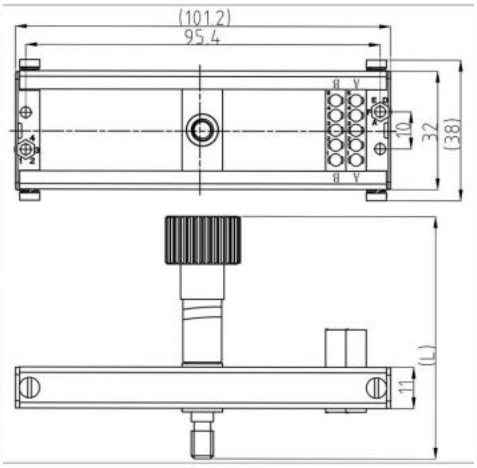
V-Series Module Connector-VB

Framework Introduction

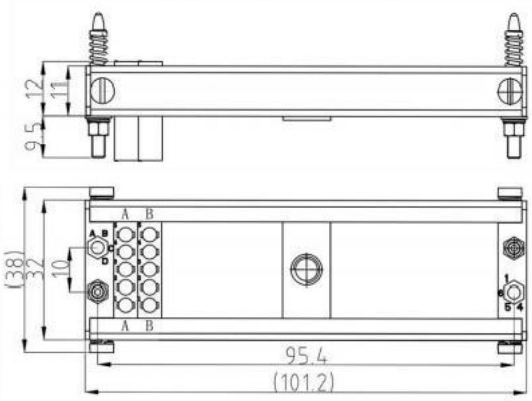
- 7 steps on one side, 14 steps in total (1 step of 5 .5mm)
-Lock with the handl, no Housing
- Unless otherwise requested, connectors are supplied in F5 code.

Plug Profile

Suffix	Expansion Lmm
Basic Type	78
A	42

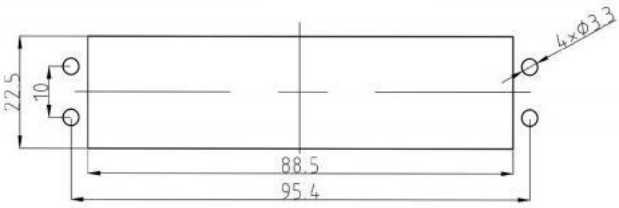


Socket Profile



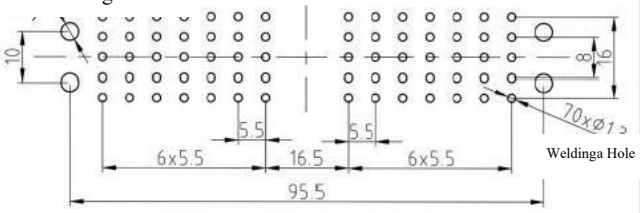
Opening Size

Panel Opening



PCB-Mounting Opening Size (if welding board module is used)

Mounting Hole



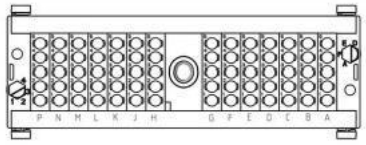
Note: VA framework has a maximum of 50 cores; straight welding PCB board opening size is as shown above. If there are other needs, please call for advice.

3.3 Types of Frameworks

V-Series-VB Module Arrangement

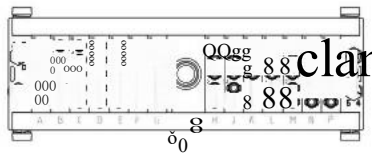
101

Plug 101



Product Name	Order No.	Core Number	Notes
DSLVB14X101P Plug	115060009601	70	Crimp
DSLVB14X101PA Plug	115060009701	70	Crimp

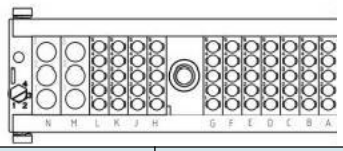
Socket 101



Product Name	Order No.	Core Number	Notes
DSLVB14X101R Socket	115160009901	70	Crimp
DSLVB14X1101R Socket	115160010001	70	Welding Board
DSLVB14X2101R Socket	115160010101	70	Welding Board

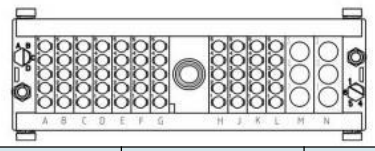
102

Plug 02



Product Name	Order No.	Core Number	Notes
DSLVB(11X+2Y)102P Plugs	115060009801	55+6	Crimp
DSLVB(11X+2Y)102PA Plugs	115060009901	55+6	Crimp

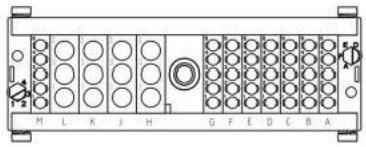
Socket102



Product Name	Order No.	Core Number	Notes
DSLVB(11X+2Y)102R Socket	115160010201	55+6	Crimp

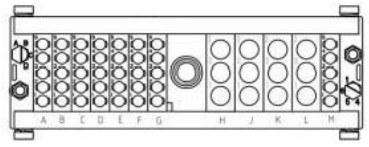
103

Plug103



Product Name	Order No.	Core Number	Notes
DSLVB(8X+4Y)103P Plugs	115060010001	40+12	Crimp
DSLVB(8X+4Y)103PA Plugs	115060010101	40+12	Crimp

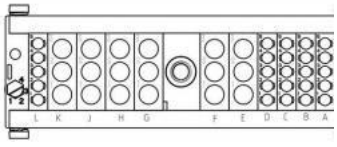
103 Socket



Product Name	Order No.	Core Number	Notes
DSLVB(8X+4Y)103R Socket	115160010301	40+12	Crimp

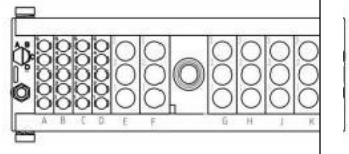
104

Plug 104



Product Name	Order No.	Core Number	Notes
DSLVB(5X+6Y)104P Plugs	115060010201	25+18	Crimp
DSLVB(5X+6Y)104PA Plugs	115060010301	25+18	Crimp

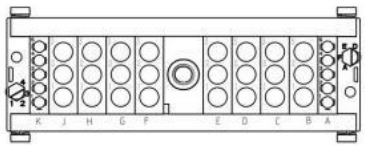
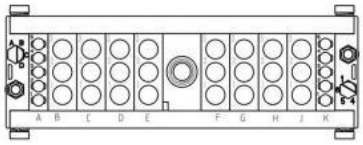
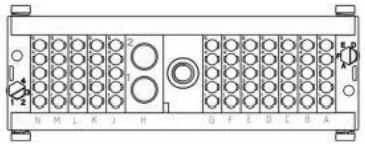
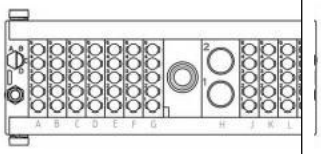
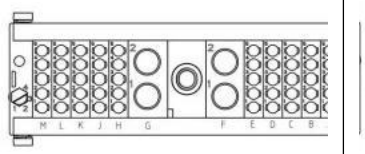
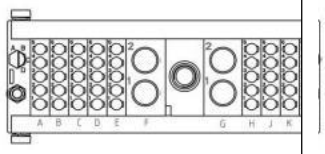
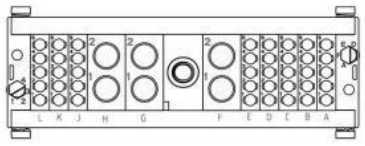
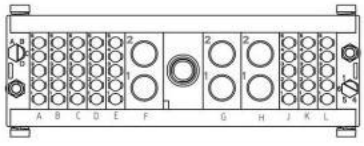
Socket 104



Product Name	Order No.	Core Number	Notes
DSLVB(5X+6Y)104R Socket	1151 6001 0401	25+18	Crimp

Note: For other requirements, please call us.

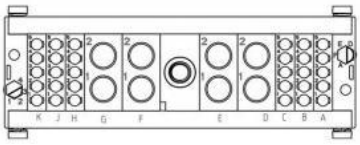
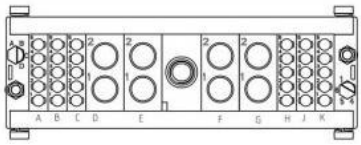
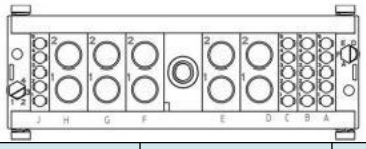
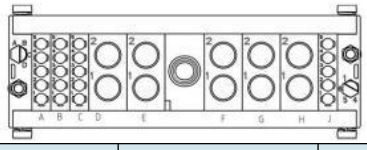
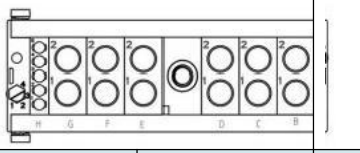
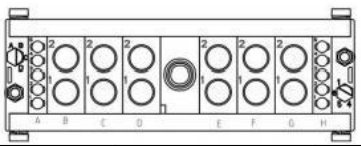
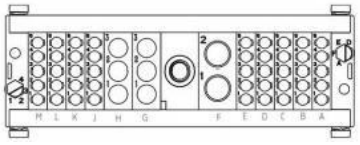
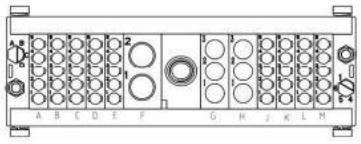
3.3 Types of Frameworks

	V-Series-VB Module Arrangement							
105	Plug 105				Socket105			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(2X+8Y)105P Plugs	115060010401	10+24	Crimp	DSLVB(2X+8Y)105R Socket	115160010501	10+24	Crimp
	DSLVB(2X+8Y)105PA Plugs	115060010501	10+24	Crimp				
106	Plug 106				Socket 106			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(12X+Z)106P Plugs	115060010601	60+2	Crimp	DSLVB(12X+Z)106R Socket	115160010601	60+2	Crimp
	DSLVB(12X+Z)106PA Plugs	115060010701	60+2	Crimp				
107	Plug 107				Socket 107			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(10X+2Z)107P Plugs	11506001080	50+4	Crimp	DSLVB(10X+2Z)107R Socket	115160010701	50+4	Crimp
	DSLVB(10X+2Z)107PA Plugs	115060010901	50+4	Crimp				
108	Plug 108				Socket 108			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(8X+3Z)108P Plugs	115060011001	40+6	Crimp	DSLVB(8X+3Z)108R Socket	115160010801	40+6	Crimp
	DSLVB(8X+3Z)108PA Plugs	115060011101	40+6	Crimp				

Note: For other requirements, please call us.

3 V Series Module Connector

3.3 Types of Frameworks

V-Series-VB Module Arrangement								
109	Plug 109				Socket 109			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(6X+4Z)109P Plug	115060011201	30+8	Crimp	DSLVB(6X+4Z)109R Socket	115160010901	30+8	Crimp
	DSLVB(6X+4Z)109PA Plug	11506001 1301	30+8	Crimp				
110	Plug 110				Socket110			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(4X+5Z)110P Plug	115060011401	20+10	Crimp	DSLVB(4X+5Z)110R socket	115160011001	20+10	Crimp
	DSLVB(4X+5Z)110PA Plug	11506001150	20+10	Crimp				
112	Plug 112				Socket 112			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(2X+6Z)111P Plug	115060011601	10+12	Crimp	DSLVB(2X+6Z)111R Socket	115160011101	10+12	Crimp
	DSLVB(2X+6Z)111PA plug	115060011701	10+12	Crimp				
113	Plug 113				Socket 113			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(9X+2Y+Z)112P Plugs	11506001 1801	45+6+2	Crimp	DSLVB(9X+2Y+Z)112R Socket	11516001 1201	45+6+2	Crimp
	DSLVB(9X+2Y+Z)112PA Plugs	115060011901	45+6+2	Crimp				

Note: For other requirements, please call us.

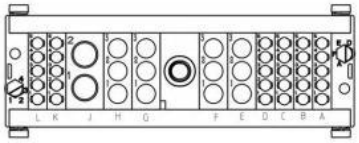
3 V Series Module Connector

3.3 Types of Frameworks

113

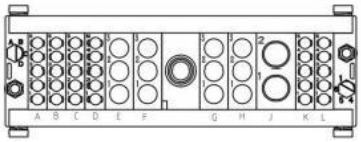
V-Series-VB Module Arrangement

Plug 113



Product Name	Order No.	Core Number	Notes
DSLVB(6X+4Y+Z)113P Plug	11506001200	30+12+2	Crimp
DSLVB(6X+4Y+Z)113PA Plug	115060012101	30+12+2	Crimp

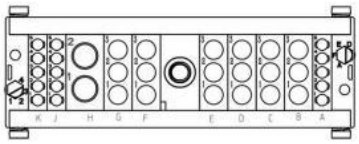
Socket 113



Product Name	Order No.	Core Number	Notes
DSLVB(6X+4Y+Z)113R Socket	115160011301	30+12+2	Crimp

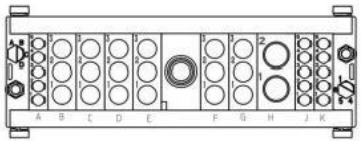
114

Plug 114



Product Name	Order No.	Core Number	Notes
DSLVB(3X+6Y+Z)114P Plug	115060012201	15+18+2	Crimp
DSLVB(3X+6Y+Z)114PA Plug	115060012301	15+18+2	Crimp

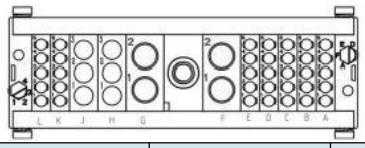
Socket 114



Product Name	Order No.	Core Number	Notes
DSLVB(3X+6Y+Z)114R Socket	11516001 1401	15+18+2	Crimp

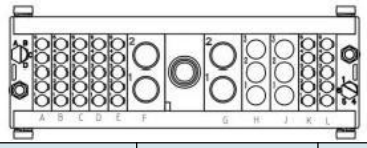
115

Plug 115



Product Name	Order No.	Core Number	Notes
DSLVB(7X+2Y+2Z)115P Plug	115060012401	35+6+4	Crimp
DSLVB(7X+2Y+2Z)115PA Plug	115060012501	35+6+4	Crimp

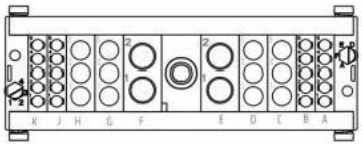
Socket 115



Product Name	Order No.	Core Number	Notes
DSLVB(7X+2Y+2Z) 115R Socket	115160011501	35+6+4	Crimp

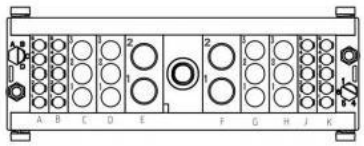
116

Plug 116



Product Name	Order No.	Core Number	Notes
DSLVB(4X+4Y+2Z)116P Plug	115060012601	20+12+4	Crimp
DSLVB(4X+4Y+2Z)116PA Plug	11506001270	20+12+4	Crimp

Socket 116



Product Name	Order No.	Core Number	Notes
DSLVB(4X+4Y+2Z)116R Socket	11516001160	20+12+4	Crimp

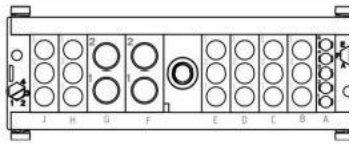
Note: For other requirements, please call us.

3.3 Types of Frameworks

V-Series-VB Module Arrangement

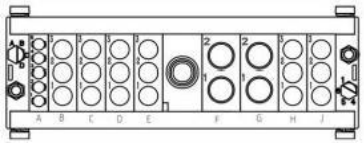
117

Plug 117



Product Name	Order No.	Core Number	Notes
DSLVB(X+6Y+2Z)117P Plug	115060012801	5+18+4	Crimp
DSLVB(X+6Y+2Z)117PA Plug	115060012901	5+18+4	Crimp

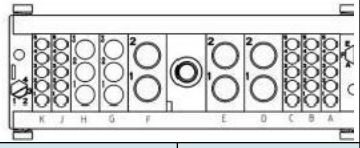
Socket 117



Product Name	Order No.	Core Number	Notes
DSLVB(X+6Y+2Z)117R Socket	115160011701	5+18+4	Crimp

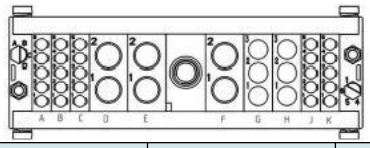
118

Plug 118



Product Name	Order No.	Core Number	Notes
DSLVB(5X+2Y+3Z) 118P Plug	115060013001	25+6+6	Crimp
DSLVB(5X+2Y+3Z)118PA Plug	115060013101	25+6+6	Crimp

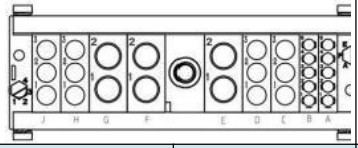
Socket118



Product Name	Order No.	Core Number	Notes
DSLVB(5X+2Y+3Z)118R Socket	115160011801	25+6+6	Crimp

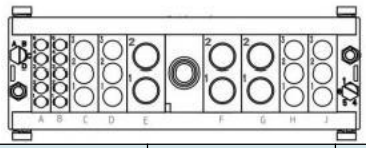
119

Plug 119



Product Name	Order No.	Core Number	Notes
DSLVB(2X+4Y+3Z)119P Plug	115060013201	10+12+6	Crimp
DSLVB(2X+4Y+3Z)119P Plug	115060013301	10+12+6	Crimp

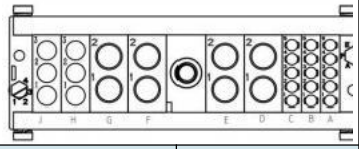
Socket 119



Product Name	Order No.	Core Number	Notes
DSLVB(2X+4Y+3Z)119R Socket	115160011901	10+12+6	Crimp

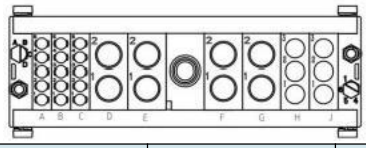
120

Plug 120



Product Name	Order No.	Core Number	Notes
DSLVB(3X+2Y+4Z) 120P Plug	115060013401	15+6+8	Crimp
DSLVB(3X+2Y+4Z) 120PA Plug	115060013501	15+6+8	Crimp

Socket 120

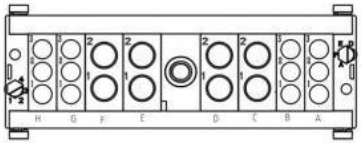
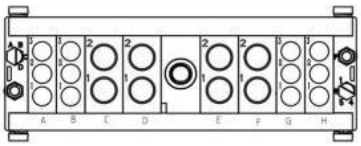


Product Name	Order No.	Core Number	Notes
DSLVB(3X+2Y+4Z)120R Socket	115160012001	15+6+8	Crimp

Note: For other requirements, please call us.

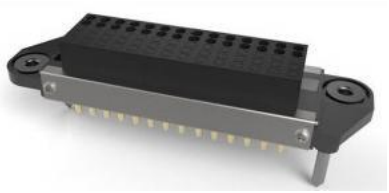
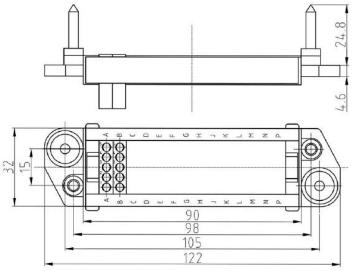
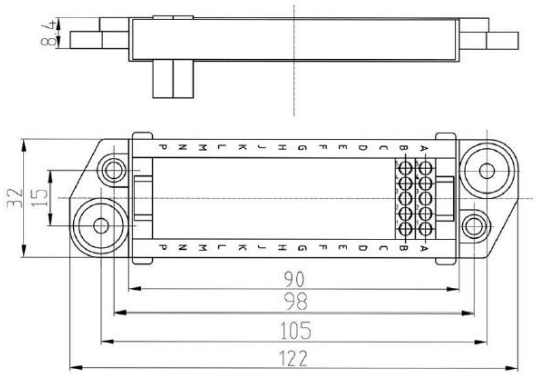
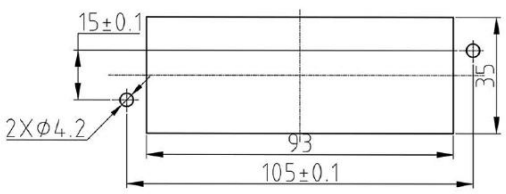
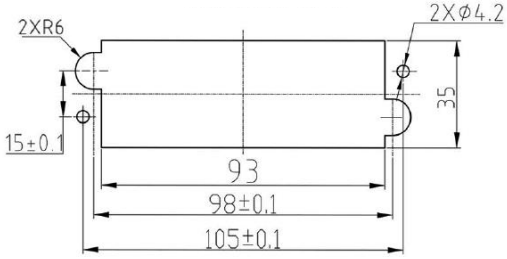
3 V Series Module Connector

3.3 Types of Frameworks

V-Series-VB Module Arrangement								
121	Plug 121				Socket 121			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVB(4Y+4Z)121P Plug	115060013601	12+8	Crimp	DSLVB(4Y+4Z)121R Socket	115160012101	12+8	Crimp
	DSLVB(4Y+4Z)121PA Plug	115060013701	12+8	Crimp				

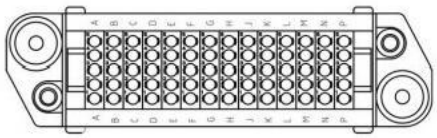
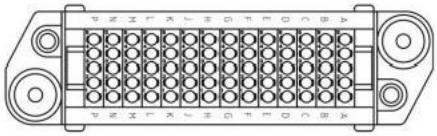
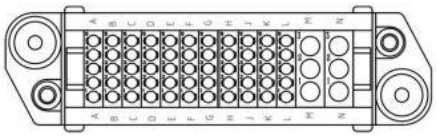
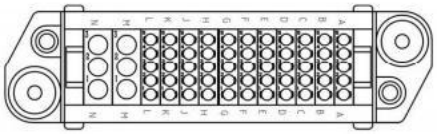
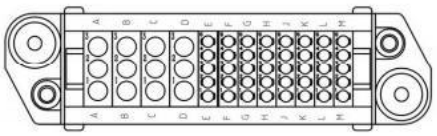
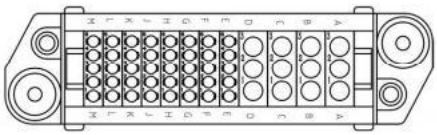
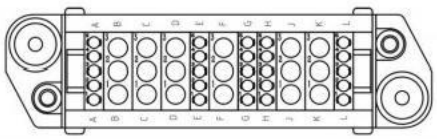
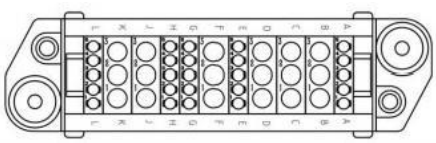
Note: For other requirements, please call us.

3.3 Types of Frameworks

V-Series Module Connector-VC	
Framework Introduction	-14 steps (1 step is 5.5mm) -With guiding structure, it can realize blind insertion; when connectors are inserted in pairs, after guiding and positioning, they can be adjusted bilaterally by floating, and the range of adjustment is φ2.3mm.
Plug Profile	 
Socket Profile	 
Opening Size	Mounting Opening Size (1:1)  Mounting Opening Size (1:1)  **Note: With guiding structure, it can realize blind insertion; when connectors are inserted in pairs, after guiding and positioning, it can be adjusted bilaterally by floating, and the range of adjustment is φ2.3mm.**

3 V Series Module Connector

3.3 Types of Frameworks

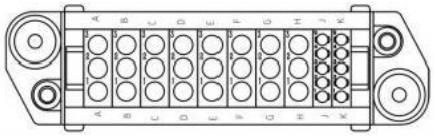
V-Series-VC Module Arrangement								
201	Plug 201				Socket 201			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC14X201P Plug	112012000802	70	Crimp	DSLVC14X201R Socket	112022001111	70	Crimp
202	Plug 202				Socket 202			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(11X+2Y)202P Plug	112012000803	55+6	Crimp	DSLVC(11X+2Y)202R Socket	112022001112	55+6	Crimp
203	Plug 203				Socket 203			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(8X+4Y)203P Plug	112012000804	40+12	Crimp	DSLVC(8X+4Y)203R Socket	112022001113	40+12	Crimp
204	Plug 204				Socket 204			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC (5X+6Y) 204P Plug	112012000805	25+18	Crimp	DSLVC(5X+6Y)204R Socket	112022001114	25+18	Crimp

3.3 Types of Frameworks

205

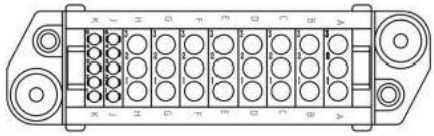
V-Series-VC Module Arrangement

Plug 205



Product Name	Order No.	Core Number	Notes
DSLVC (2X+8Y) 205P Plug	112012000806	10+24	Crimp

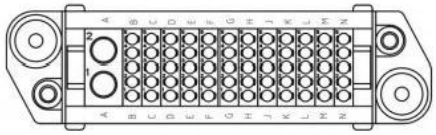
Socket 205



Product Name	Order No.	Core Number	Notes
DSLVC(2X+8Y)205R Socket	112022001115	10+24	Crimp

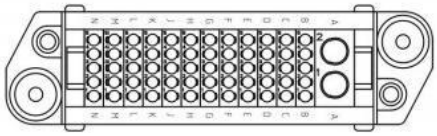
206

Plug 206



Product Name	Order No.	Core Number	Notes
DSLVC(12X+Z)206P Plug	112012000807	60+2	Crimp

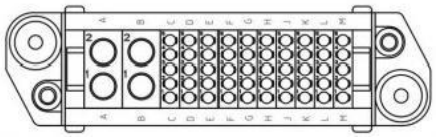
Socket 206



Product Name	Order No.	Core Number	Notes
DSLVC(12X+Z)206R Socket	112022001116	60+2	Crimp

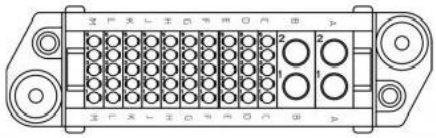
207

Plug 207



Product Name	Order No.	Core Number	Notes
DSLVC(10X+2Z)207P Plug	112012000808	50+4	Crimp

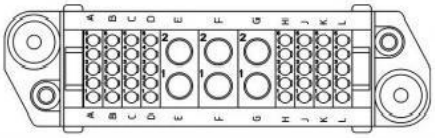
Socket 207



Product Name	Order No.	Core Number	Notes
DSLVC(10X+2Z)207R Socket	112022001117	50+4	Crimp

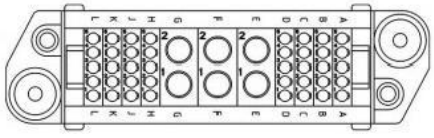
208

Plug 208



Product Name	Order No.	Core Number	Notes
DSLVC(8X+3Z)208P Plug	112012000809	40+6	Crimp

Socket 208

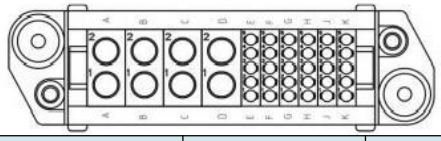
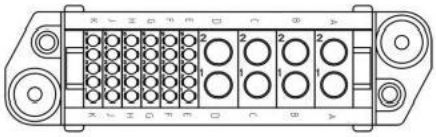
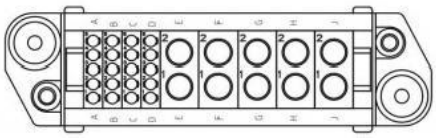
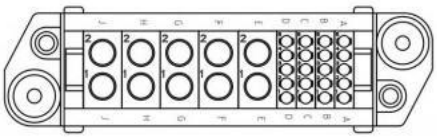
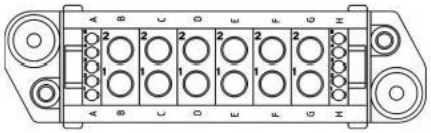
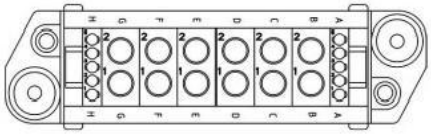
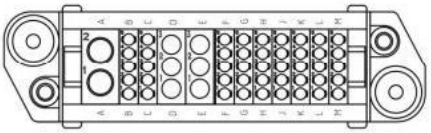
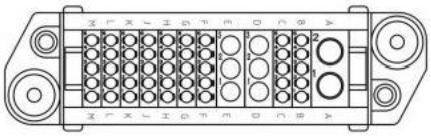


Product Name	Order No.	Core Number	Notes
DSLVC(8X+3Z)208R Socket	112022001118	40+6	Crimp

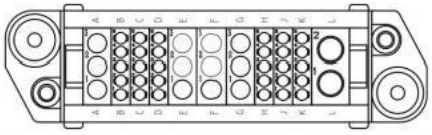
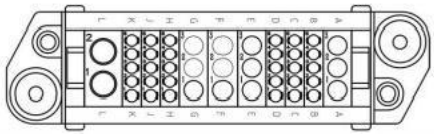
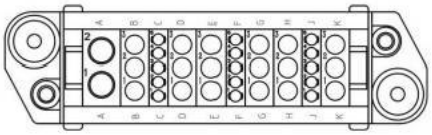
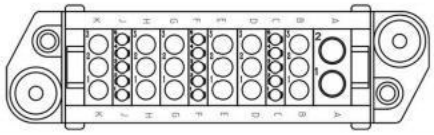
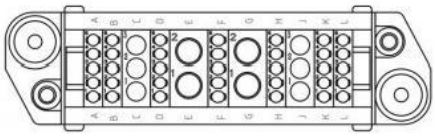
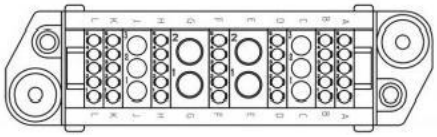
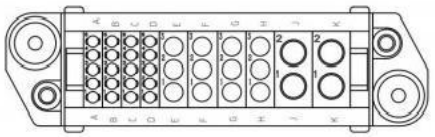
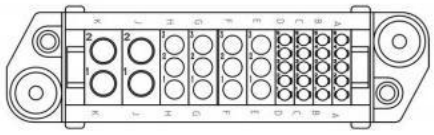
Note: For other requirements, please call us.

3 V Series Module Connector

3.3 Types of Frameworks

V-Series-VC Module Arrangement								
209	Plug 209				Socket 209			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(6X+4Z)209P Plug	112012000810	30+8	Crimp	DSLVC(6X+4Z)209R Socket	112022001119	30+8	Crimp
210	Plug 210				Socket 210			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(4X+5Z)210P Plug	11201200081	20+10	Crimp	DSLVC(4X+5Z)210R Socket	112022001120	20+10	Crimp
211	Plug 211				Socket 211			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(2X+6Z)211P Plug	112012000812	10+12	Crimp	DSLVC(2X+6Z)211R Socket	112022001121	10+12	Crimp
212	Plug 212				Socket 212			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(9X+2Y+Z)212P Plug	112012000813	45+6+2	Crimp	DSLVC(9X+2Y+Z)212R Socket	112022001122	45+6+2	Crimp

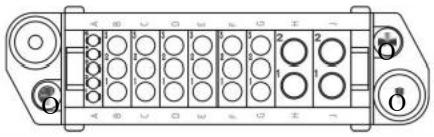
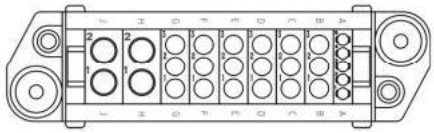
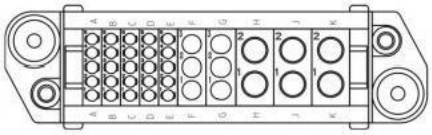
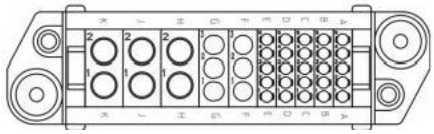
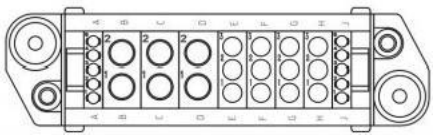
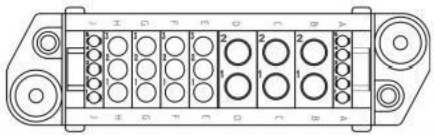
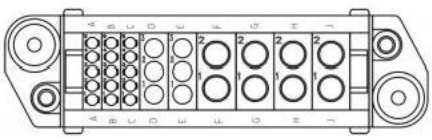
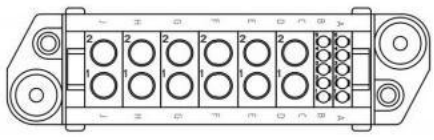
3.3 Types of Frameworks

V-Series-VC Module Arrangement								
213	Plug 213				Socket 213			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(6X+4Y+Z)213P Plug	112012000814	30+12+2	Crimp	DSLVC(6X+4Y+Z)213R Socket	112022001123	30+12+2	Crimp
214	Plug 214				Socket 214			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(3X+6Y+Z)214P Plug	112012000815	15+18+2	Crimp	DSLVC(3X+6Y+Z)214R Socket	112022001124	5+18+2	Crimp
215	Plug 215				Socket 215			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(7X+2Y+2Z)215P Plug	112012000816	35+6+4	Crimp	DSLVC (7X+2Y+2Z) 215R Socket	112022001125	35+6+4	Crimp
216	Plug 216				Socket 216			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(4X+4Y+2Z)216P Plug	112012000817	20+12+4	Crimp	DSLVC(4X+4Y+2Z)216R Socket	112022001126	20+12+4	Crimp

Note: For other requirements, please call us.

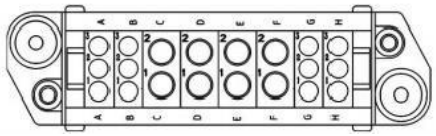
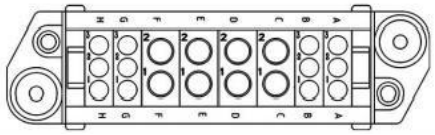
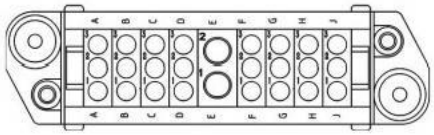
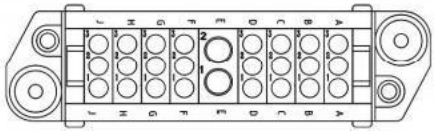
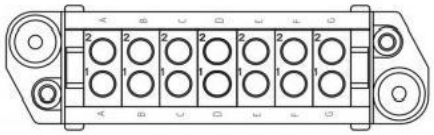
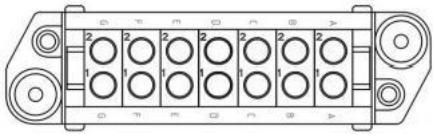
3 V Series Module Connector

3.3 Types of Frameworks

V-Series-VC Module Arrangement								
217	Plug 217				Socket 217			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(X+6Y+2Z)217P Plug	112012000818	5+18+4	Crimp	DSLVC(X+6Y+2Z)217R Socket	112022001127	5+18+4	Crimp
218	Plug 218				218 Socket			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(5X+2Y+3Z)218P Plug	112012000819	25+6+6	Crimp	DSLVC(5X+2Y+3Z)218R Socket	112022001128	25+6+6	Crimp
219	Plug 219				Socket 219			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(2X+4Y+3Z)219P Plug	112012000820	10+12+6	Crimp	DSLVC(2X+4Y+3Z)219R Socket	12022001129	0+12+6	Crimp
220	Plug 220				Socket 220			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(3X+2Y+4Z)220P Plug	112012000821	15+6+8	Crimp	DSLVC(3X+2Y+4Z)220R Socket	112022001130	15+6+8	Crimp

Note: For other requirements, please call us.

3.3 Types of Frameworks

V-Series-VC Module Arrangement								
221	Plug 221				Socket 221			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(4Y+4Z)221P Plug	112012000822	12+8	Crimp	DSLVC(4Y+4Z)221R Socket	112022001131	12+8	Crimp
222	Plug 222				Socket 222			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVC(8Y+Z)222P Plug	112012000823	24+2	Crimp	DSLVC(8Y+Z)222R Socket	112022001132	24+2	Crimp
223	Plug 223				Socket 223			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	Plug DSLVC7Z223P	112012000824	14	Crimp	DSLVC7Z223R Socket	112022001133	14	Crimp

Note: For other requirements, please call us.

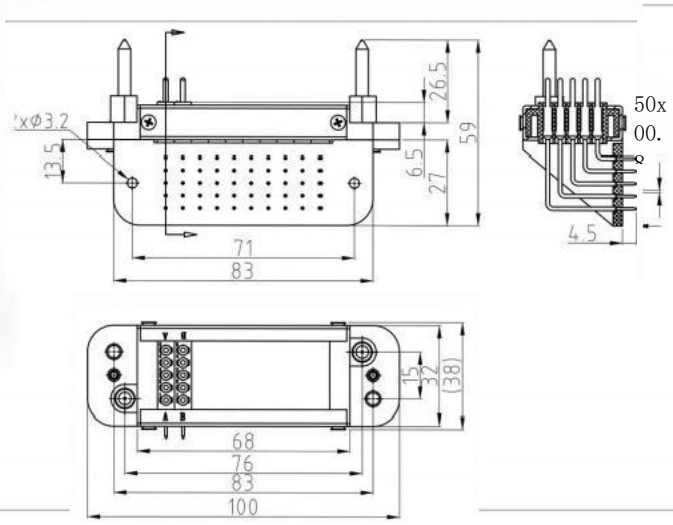
3.3 Types of Frameworks

V-Series Module Connector-VD

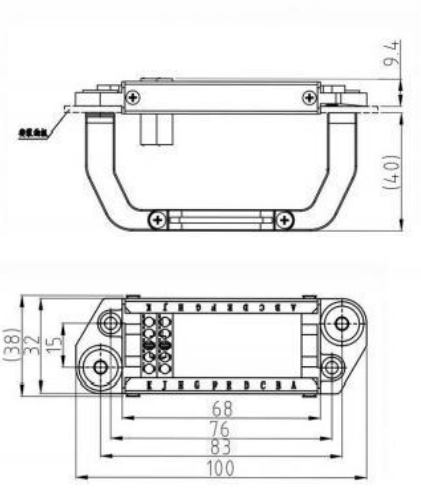
Framework Introduction

- 10 steps (1 step is 5 .5mm)
-With guide structure, it can realize blind insertion;
-When connectors are inserted, after guiding and positioning, they can be adjusted by floating on one side, and the range of adjustment is φ2.3mm.

Plug Profile

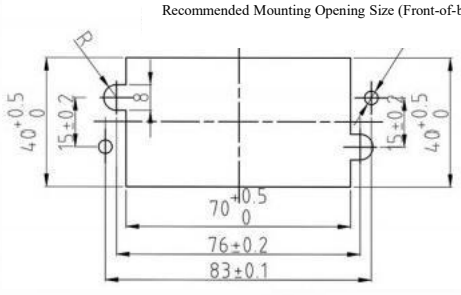


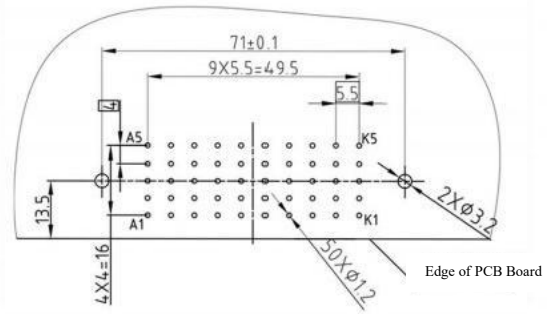
Plug Profile



Opening Size

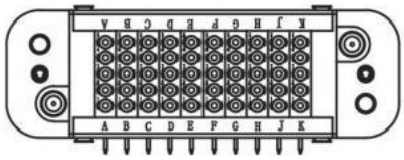
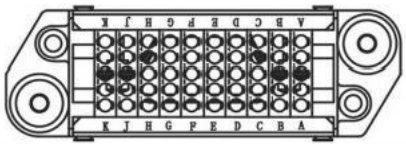
Recommended Mounting Opening Size (Front-of-board mounting)





Note:With guiding structure, it can realize blind insertion; when connectors are inserted in pairs, after guiding and positioning, it can be adjusted on one side by floating, and the range of adjustment is φ2.3mm.

3.3 Types of Frameworks

V-Series-VD Module Arrangement								
301	Plug 301				Socket 301			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	DSLVD10X301P Plug	112012000825	50	Bent Welding Board	DSLVD10X301R Socket	112022001134	50	Crimp

Note: For other requirements, please call us.

3.3 Types of Frameworks

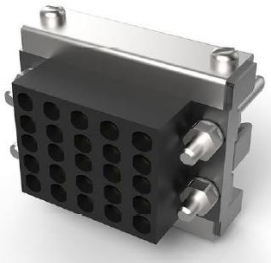
V-Series Module Connector-VE

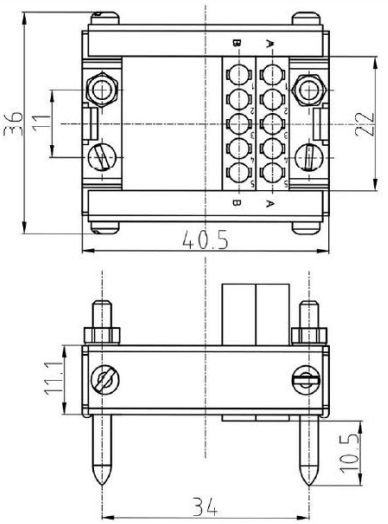
Framework Introduction

-5 steps (1 step is 5.5mm)

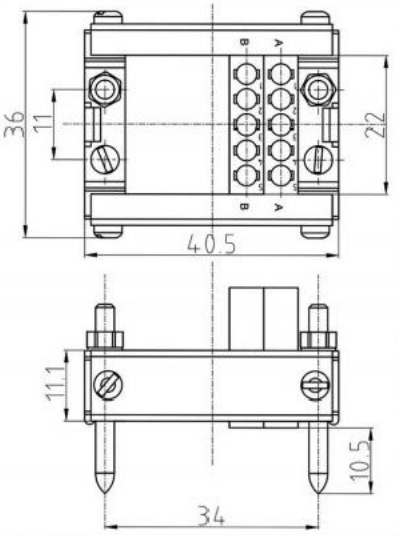
Hook-and-loop closure with side outlet housing

Plug Profile

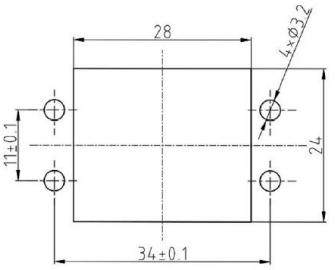




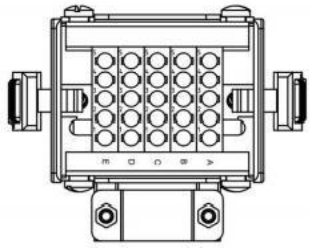
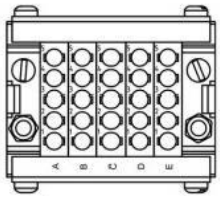
Socket Profile



Opening Hole Size



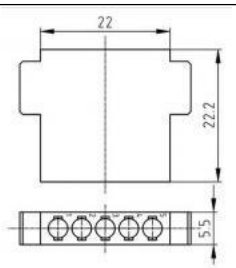
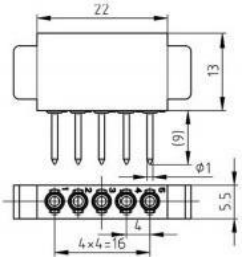
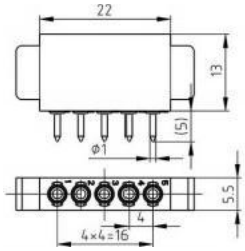
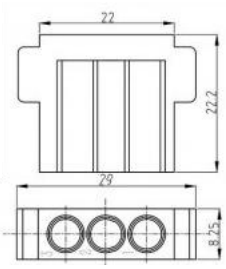
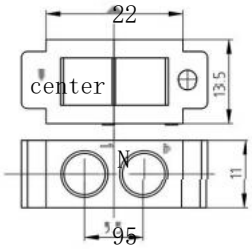
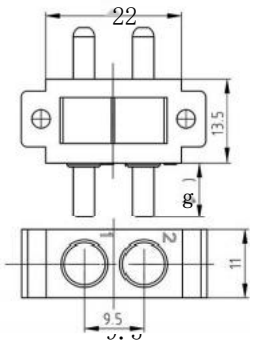
3.3 Types of Frameworks

V-Series-VE Module Arrangement								
401	Plug 401				Socket 401			
								
	Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
	Plug DSLVE5X401P	112010103771	25	Crimp	DSLVE5X401R Socket	112022001135	25	Crimp

Note: For other requirements, please call us.

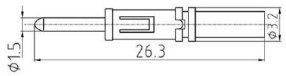
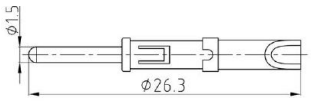
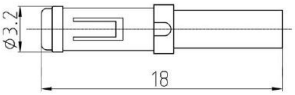
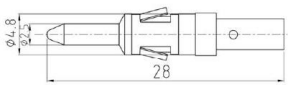
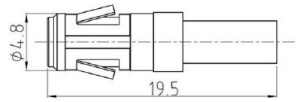
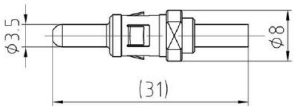
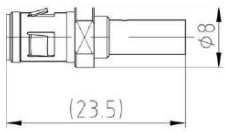
3 V Series Module Connector

3.4 Module Types

V-Series Module Types			
	Step	Overall Dimensions	Notes
X Module	1		Adaptive to Φ1.5 contacts
X 1 Module	1		Welded-Hole End
X 2 Module	1		Welded-Hole End
Y Module	5		Adaptive to φ2.5 contacts
Z Module	2		Adaptive to φ3.5 contacts
Z IModule	2		Welded-Hole End

3 V Series Module Connector

3.5 Contact Type

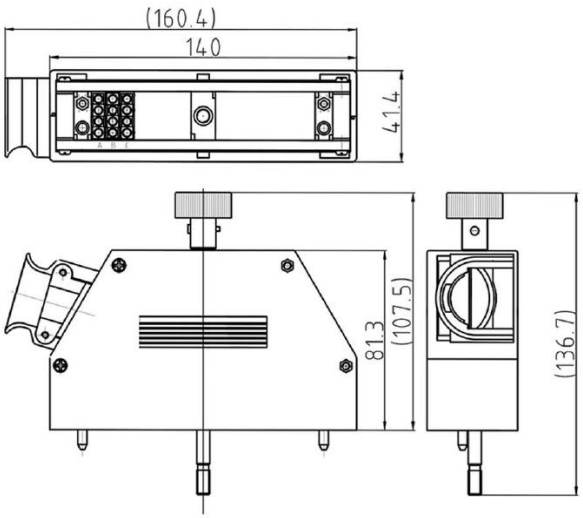
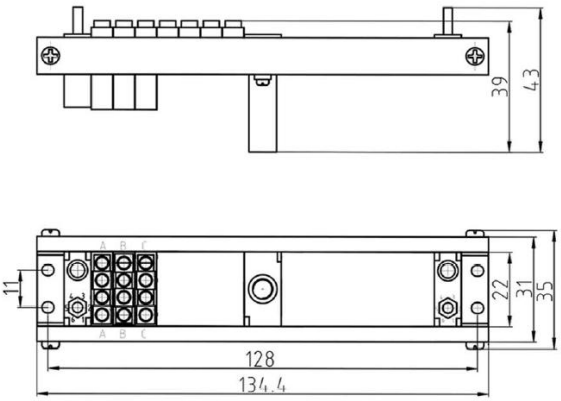
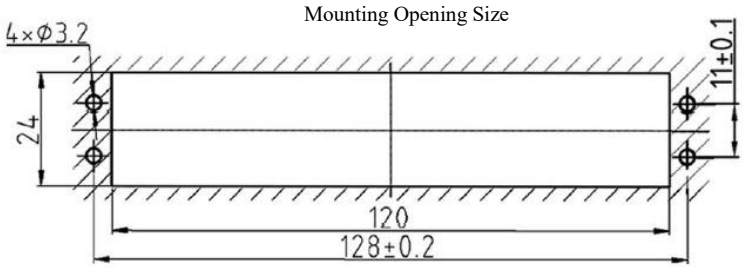
V-Series-VE Module Arrangement				
Φ1.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin assembly 1.5-0.5 to 0.75 mm²-gold	115210005102	0.5mm²~0.75mm²	
	Pin assembly φ1.5-1～1.5mm²- gold	115210005101	1mm²~1.5mm²	
	Pin assembly 1.5-2 to 2.5 mm²-gold	115210005103	2mm²~2.5mm	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp-on Pin-Adaptive to X-Module	RTSCC-01	113030400048	
Φ1.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin assembly φ1.5-1mm²-gold	113020100676	1.0mm²	
	Pin assembly φ1.5-2mm²-gold	113020100656	2mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Welded Wire Pin-Adaptive to X-Module	RTSCC-01	113030400048	
Φ1.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Jack assembly φ1.5-0.5～0.75mm²-gold	115310005802	0.5mm²~0.75mm²	
	Jack assembly 1.5-1 to 1.5 mm²-gold	115310005801	1mm²~1.5mm²	
	Jack assembly φ1.5-2～2.5mm²-gold	115310005803	2mm²~2.5mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp Hole-Adaptive to X-Module	RTSCC-01	113030400048	
Φ2.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin assembly φ2.5-0.75-1mm²-gold	115210008301	0.75mm²~1mm²	
	Pin assembly φ2.5-1.5-2mm²-gold	115210008302	1.5mm²~2mm²	
	2.5-2.5mm²-Gold in pin assembly	115210008303	2.5mm²	
	2.5-4mm²-Gold in pin assembly	115210008304	4mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp-on Pins-Adaptive to Y-Module	RTSCC-01	113030400048	
Φ2.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Jack assembly φ2.5-0.75-1mm²-gold	115310010501	0.75mm²~1mm²	
	Jack assembly φ2.5-1.5-2mm²-gold	11531001 0502	1.5mm²~2mm²	
	Jack assembly 2.5-2.5mm²-gold	115310010503	2.5mm²	
	Jack assembly 2.5-4mm²-gold	115310010504	4mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp Hole-Adaptive to Y Module	RTSCC-01	113030400048	
Φ3.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin assembly φ3.5-0.6～2mm²-gold	113020100043	0.6mm²~2mm²	
	Pin assembly φ3.5-3～5mm²-gold	113020100044	3mm²~5mm²	
	Pin assembly 3.5-8 to 13mm²-gold	113020100045	8mm²~13mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp-on Pins-Adaptive to Z-Module	RTSCA-08	114030300077	
Φ3.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Jack assembly 3.5-0.6 to 2 mm²-gold	113020600072	0.6mm²~2mm²	
	Jack assembly 3.5-3 to 5 mm²-gold	113020600073	3mm²~5mm²	
	Socket set φ3.5-8～13mm²-gold	113020600074	8mm²~13mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp Hole-Adaptive to Z-Module	RTSCA-08	114030300077	

4B Series Connector

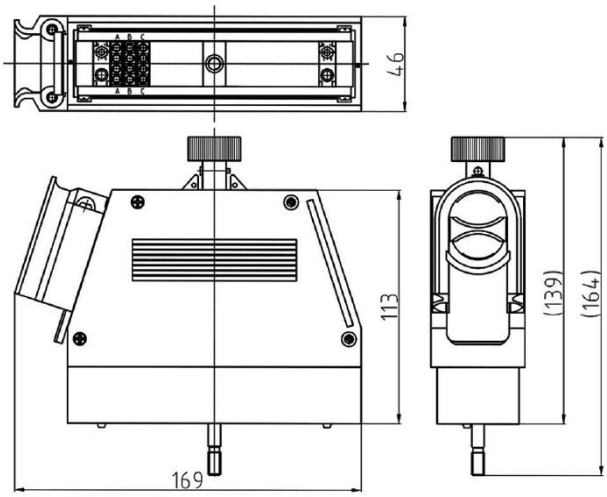
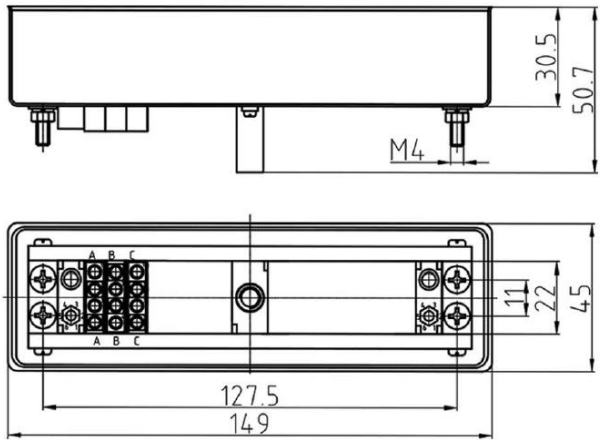
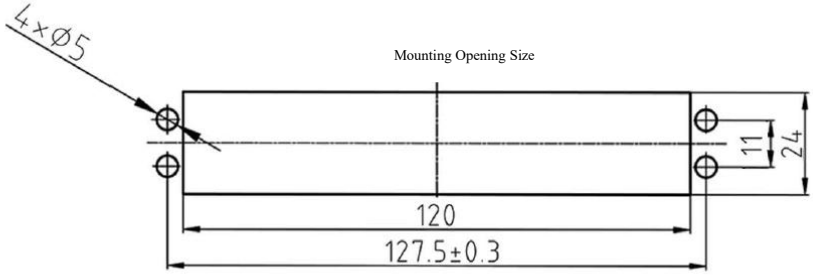
4.1 Product Characteristics and Technical Parameters

	Product Characteristics and Specifications
Working Environment	
	-Temperature: -55℃~+125℃
	-Humidity: 95% (at 40℃)
Electrical Parameters	-Rated operating current: 10A(φ1.5)
	25A(φ3)
	-Rated working voltage: 220V
	-Contact resistance: ≤2.5mΩ(φ1.5)
	≤1.0mQ(φ3)
	-Withstand voltage: 3000V AC 50Hz (normal)
	-Insulation resistance: ≥5000MΩ (normal)
Mechanical Property	-Mechanical life: 750 cycles
	-Vibration: confirms to the provisions of GB/T21563 in Class 1, Level B.
	-Impact: Conforms to the provisions of GB/T21563 in Class 1, Level B.
	Note: φ2.5mm-M module; φ3mm-N module
Other Property	-Flame retardant: EN45545
	-Environment protection: RoHS
Product Characteristics	-Maximum 56 signal φ1.5mm contacts -Module structure, consisting of modules and frameworks -With locking knob -Housing with cable retention clamps (side outlet) -Staggered modules - 36 codes for error proofing

4.2 Types of Frameworks

B Series Connector-Basic	
Framework Introduction	5 steps on one side, 10 steps in total (1 step is 5.5mm) Unless otherwise requested, connectors are supplied in code 22.
Plug Profile	 
Socket profile	 
Hole Size	Mounting Opening Size 

4.2 Types of Frameworks

B Series Connector-Type A	
Framework Introduction	-5 steps on one side, 10 steps in total (1 step is 5.5mm) - Unless otherwise requested, connector are supplied in code 22.
Plug Profile	 
Socket Profile	 
Opening Size	

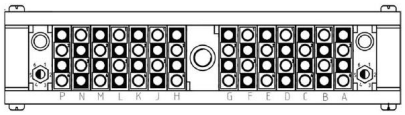
4 B Series Connector

4.2 Types of Frameworks

B-Series Module Arrangement

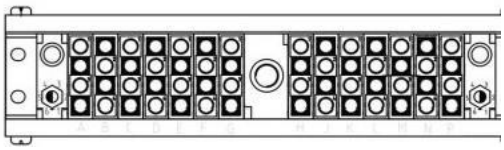
501

Plug 501



Product Name	Order No.	Core Number	Notes
Plug DSLB14M501P	115010027801	56	Crimp
Plug DSLB14M501PA	115010027901	56	Crimp

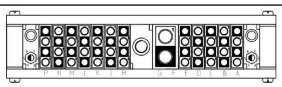
Socket 501



Product Name	Order No.	Core Number	Notes
DSLB14M501R Socket	115160009201	56	Crimp
DSLB14M501RA Socket	115110022801	56	Crimp

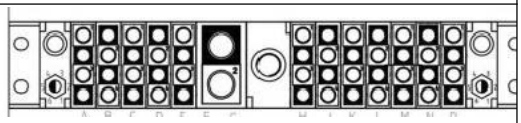
502

502 Plug



Product Name	Order No.	Core Number	Notes
DSLB(12M+N)502P Plug	115010028001	48+2	Crimp
DSLB(12M+N)502PA Plug	115010028101	48+2	Crimp

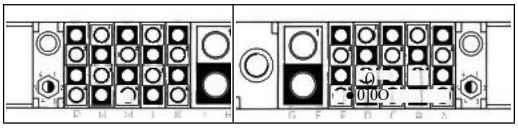
502 Socket



Product Name	Order No.	Core Number	Notes
DSLB(12M+N)502R Socket	115160009301	48+2	Crimp
DSLB(12M+N)502RA Socket	115110022901	48+2	Crimp

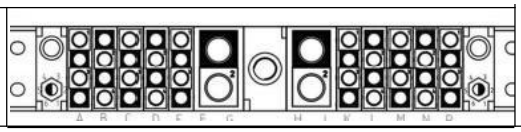
503

503 Plug



Product Name	Order No.	Core Number	Notes
DSLB(10M+2N)503P Plug	115010028201	40+4	Crimp
DSLB(10M+2N)503PA Plug	115010028301	40+4	Crimp

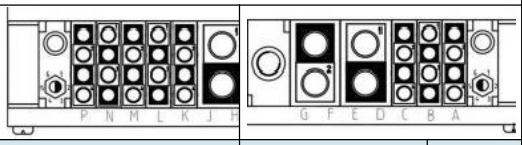
Socket 503



Product Name	Order No.	Core Number	Notes
DSLB(10M+2N)503R Socket	115160009401	40+4	Crimp
DSLB(10M+2N)503RA Socket	115110023001	40+4	Crimp

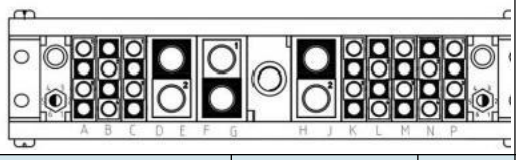
504

Plug 504



Product Name	Order No.	Core Number	Notes
DSLB(8M+3N)504P Plug	115010028401	32+6	Crimp
DSLB((8M+3N))504PA Plug	115010028501	32+6	Crimp

Socket 504



Product Name	Order No.	Core Number	Notes
DSLB((8M+3N))504R Socket	1151 60009501	32+6	Crimp
DSLB((8M+3N)504RA Socket	115110023101	32+6	Crimp

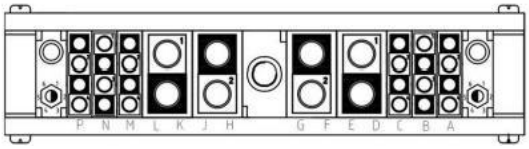
Note: For other requirements, please call us.

4 B Series Connector

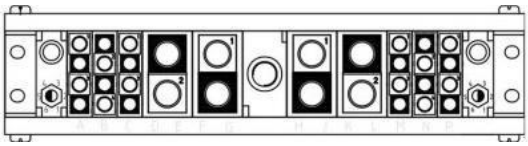
4.2 Types of Frameworks

505

Plug 505



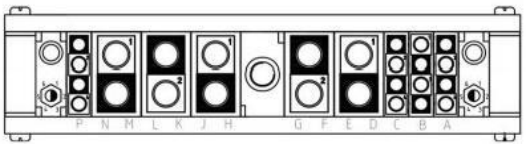
Socket 505



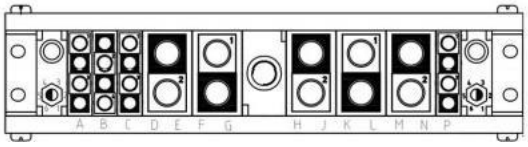
Product Name	Order No.	Number of Cores	Notes	Product Name	Order No.	Number of Cores	Notes
DSLB(6M+4N)505P plug	115010028601	24+8	Crimp	DSLB(6M+4N)505R Socket	1151 60009601	24+8	Crimp
DSLB(6M+4N)505PA plug	115010028701	24+8	Crimp	DSLB(6M+4N)505RA Socket	1151 10023201	24+8	Crimp

506

Plug 506



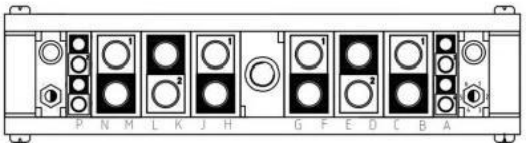
Socket 506



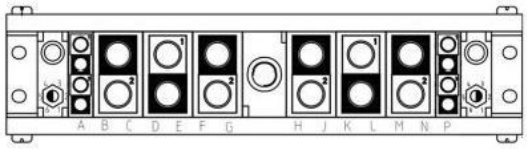
Product Name	Order No.	Number of Cores	Notes	Product Name	Order No.	Core Number	Notes
Plug DSLB(4M+5N)506P	115010028801	16+10	Crimp	DSLB(4M+5N)506R Socket	115160009701	16+10	Crimp
DSLB(4M+5N)506PA Plug	115010028901	16+10	Crimp	DSLB(4M+5N)506RA Socket	115110023301	16+10	Crimp

507

Plug 507



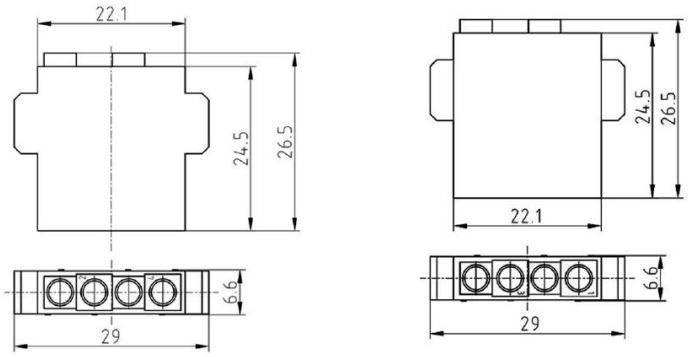
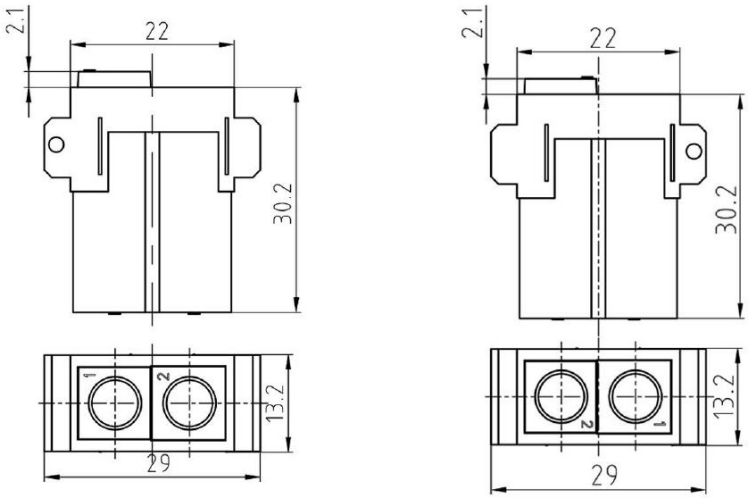
Socket 507



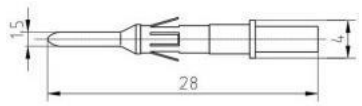
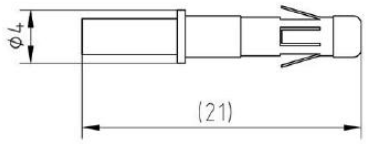
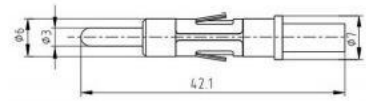
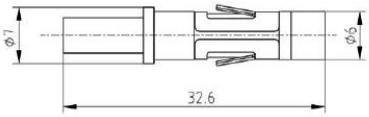
Product Name	Order No.	Core Number	Notes	Product Name	Order No.	Core Number	Notes
DSLB(2M+6N)507P Plug	115010029001	8+12	Crimp	DSLB(2M+6N)507R Socket	115160009801	8+12	Crimp
DSLB(2M+6N)507PA Plug	115010029101	8+12	Crimp	DSLB(2M+6N)507RA Socket	115110023401	8+12	Crimp

Note: For other requirements, please call us.

4.3 Module Type

B-Series Module Types		
Module Type	Overall Dimensions	Notes
M-module		Adaptive to φ1.5 contact, both plug and socket modules work together
N-module		Adaptive to φ3 contact, both plug and socket modules work together

4.4 Contact Type

Φ1.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin assembly φ1.5-0.5mm²-gold	115210003901	0.5mm²	
	Pin assembly φ1.5-0.75mm²-gold	115210003902	0.75mm²	
	Pin assembly 1.5-1.0mm²- gold	115210003907	1.0mm2	
	Pin assembly φ1.5-1.5mm²-gold	115210003908	1.5mm²	
	Pin assembly 1.5-2.0mm²-gold	115210003905	2.0mm²	
	Pin assembly φ1.5-2.5mm²-gold	115210003906	2.5mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp-on Pins-Adaptor M Module	RT-4	114030300080	
Φ1.5	Product Name	Order No.	Wiring specification(mm²)	Product Size
	1.5-0.5 mm²-gold Jack assembly	115310005001	0.5mm²	
	Jack assembly φ1.5-0.75mm²-gold	115310005002	0.75mm²	
	Jack assembly 1.5-1.0 mm²-gold	115310005007	1.0mm²	
	Jack assembly 1.5-1.5 mm²-gold	115310005008	1.5mm²	
	Jack assembly 1.5-2.0 mm²-gold	115310005005	2.0mm²	
	Jack assembly 1.5-2.5 mm²-gold	115310005006	2.5mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp Hole-Adapts M Module	RT-4	114030300080	
Φ3	Product Name	Order No.	Wiring specification(mm²)	Product Size
	Pin Assembly-Φ3-3.3mm²-Gold	113020100198	3.3mm²	
	Pin assembly-φ3-5.3mm²-Gold	113020100506	5.3mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp-on Pins-Adaptor N Module	RTSCA-07	114030300083	
				Product Size
Φ3	Product Name	Order No.	Wiring specification(mm²)	
	Jack assembly-φ3-3.3mm²-gold	113020600306	3.3mm²	
	Jack assembly-φ3-5.3mm²-gold	113020600662	5.3mm²	
	Notes	Disassembly Tools	Disassembly tool order number	
	Crimp Hole-Adaptor N Module	RTSCA-07	114030300083	

5 Annexes

5.1 Tool Type

Tool Model				
Disassembly Tools	Product Type	Disassembly Tool Model	Disassembly Tool Order Number	Product Photos
	V series contact φ1.5/φ2.5	RTSCC-01	113030400048	
	V series contact φ3.5	RTSCA-08	114030300077	
	B series contact φ1.5	RT-4	114030300080	
	B series contact φ3	RTSCA-07	114030300083	
Crimping Tool	Crimping Tool Model	Crimping Range (mm²)		Product Photos
	DMC (M22520/2-01)	0.15 to 0.5		
	DMC (M22520/1-01)	0.5 to 2.5		

6 Installation and Precautions

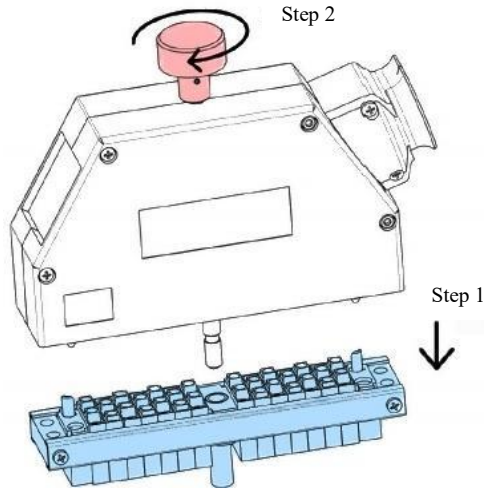
6 . 1 Installation Instructions

Installation Instructions

Installation Instructions

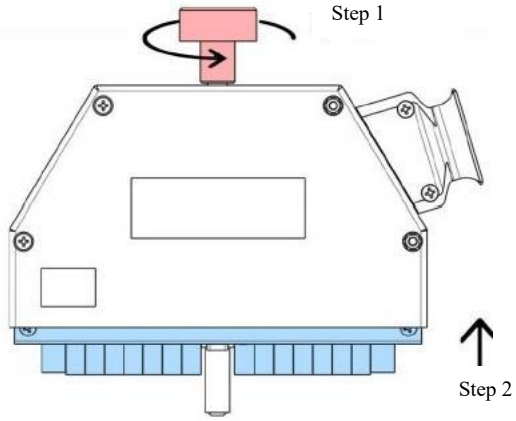
STEP 1.

Align and insert the guide pin and identification mounting plate and rotate the locking knob clockwise to the limit position;



STEP 2.

Turn the locking knob counterclockwise to loosen the plug socket completely and remove the plug.



Installation Precautions

① Stainless steel screw fastening standard

Screw type	Recommended torque (N.m)
M2	0.18
M2.5	0.38
M3×0.5	0.69
M3.5	1.04
M4×0.7	1.57
M5×0.8	3.1
M6	5.2
M8	12.3
M10	24.6
M12	42.2
M16	104
M20	190.3

② Requirement for tensile strength at crimp joints

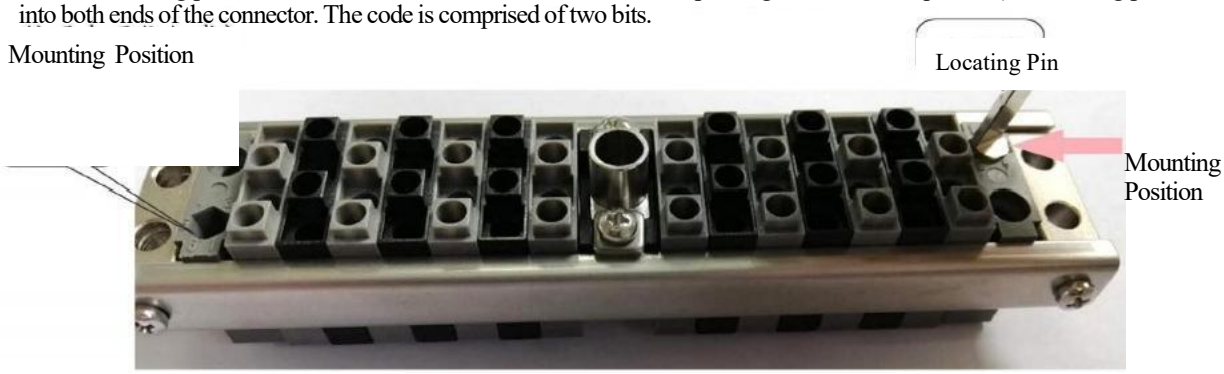
Cross-sectional area of conductor(mm^2)	Tensile test load (N)
0.5	70
0.75	100
1	130
1.5	160
2.5	200
4	250
6	350
10	450
16	600
25	900

6.2 Code Description

Coding instructions

Code Use

Load the locating pin notches on the desired code number or letter, depending on the code required. (The locating pins are loaded into both ends of the connector. The code is comprised of two bits.



Code Type

V series (except VC/VD/VE): (1 bit: A/B/C/D/E/F/G; 2 bits: 1/2/3/4/5/6)

Combinations (36 in total).

1-bit / 2-bit	1	2	3	4	5 6	
A	A1	A2	A3	A4	A5 A6	
B	B1	B2	B3	B4	B5 B6	
C	C1	C2	C3	C4	C5 C6	
D	D1	D2	D3	D4	D5 D6	
E	E1	E2	E3	E4	E5	E6
F	F1	F2	F3	F4	F5	F6

Series B: (1 position: 1/2/3/4/5/6; 2 positions: 1/2/3/4/5/6)

Combinations (36 in total).

1-bit / 2-bit	1	2	3	4	5	6
1	11	12	13	14	15	16
2	21	22	23	24	25	26
3	31	32	33	34	35	36
4	41	42	43	44	45	46
5	51	52	53	54	55	56
6	61	62	63	64	65	66

Yungui Connector Connector Expert

2020Edition

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http://www.yonggui-sc.com/