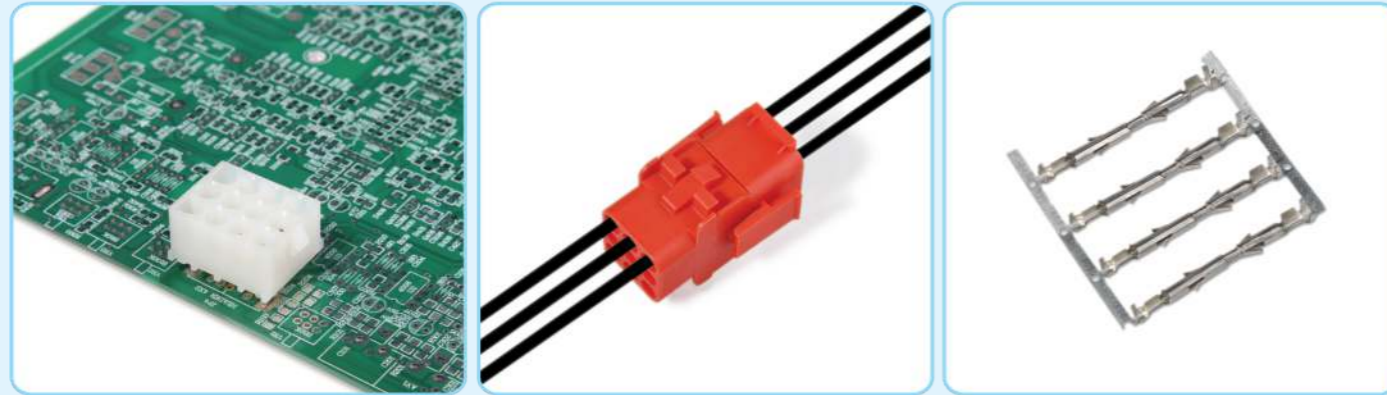


Demonstration of series B-Connector with male/ female ferrule

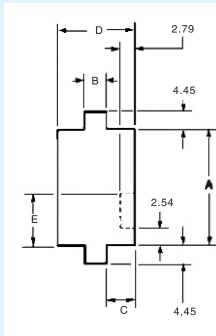


Male connector with solder pins on the PCB Board

Plug in male and female connector

Plug in metal parts

The hole dimension on the mounting Board

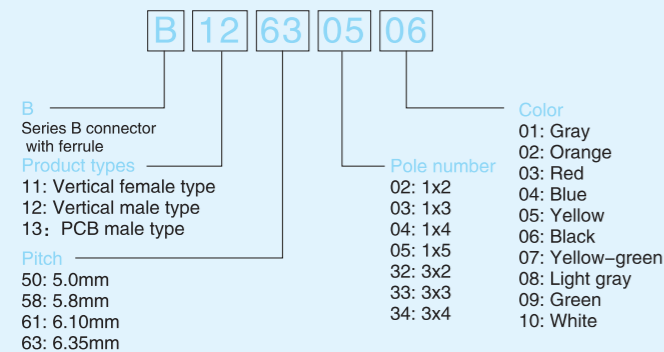


Type	Conductor	Size				
		A	B	C	D	E
Single row	2	14.35	8.64	2.41	13.46	6.35
	3	20.70	8.64	2.41	13.46	6.35
	4	27.05	8.64	2.41	13.46	6.35
	5	33.40	8.64	2.41	13.46	6.35
Triple row	6	14.35	12.19	6.99	26.16	6.35
	9	20.05	12.19	6.99	26.16	6.35
	12	27.05	12.19	6.99	26.16	8.89

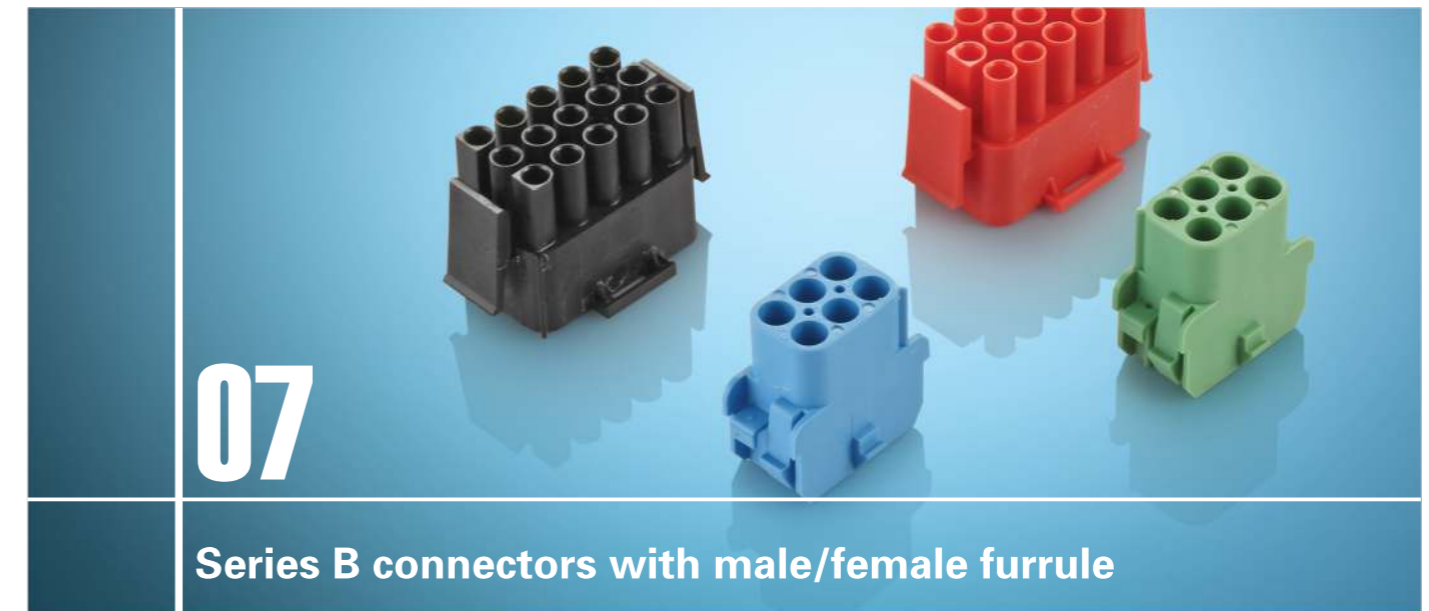
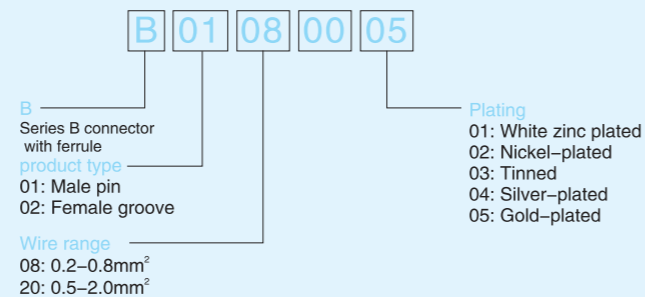
Recommendation for plastic and metal parts of Series B Connectors

No.	Pictures	Plastic Part	Recommended Metal Parts	Matching Model	No.	Pictures	Plastic Part	Recommended Metal Parts	Matching Model
1		B11630210	Female metal part for B0220 series	B12630210 B13630210	9		B12630210	Male metal part for B0120 series	B11630210
2		B11630310		B12630310 B13630310	10		B12630310		B11630310
3		B11630410		B12630410 B13630410	11		B12630410		B11630410
4		B11630510		B12630510 B13630510	12		B12630510		B11630510
5		B11633210		B12633210 B13633210	13		B12633210		B11633210
6		B11633310		B12633310 B13633310	14		B12633310		B11633310
7		B11633410		B12633410 B13633410	15		B12633410		B11633410
8		B11633510		B12633510 B13633510	16		B12633510		B11633510

The naming rule for the insulation parts



The naming rule for the metal parts

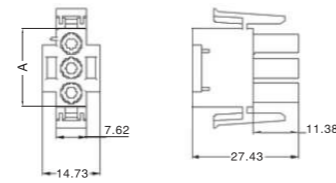


Series B connectors with male/female ferrule

Series B-connectors with ferrule use the technology of mechanical cold pressing, adopting the metal metal spring clamp when plug into each other. be able to be welded on the PCB plate directly, simple tool needed, easy to operate, airtight connection. It is widely used in the location which needed high density electricity and signal connections. Product standards such as IEC60947、UL1059 and achieved CQC、UL、VDE、CE、ROHS certification.

- Series B female single-row connectors with ferrule ..... 67
- Series B female multi-row connectors with ferrule ..... 67
- Series B male single-row connectors with ferrule ..... 67
- Series B male multi-row connectors with ferrule ..... 67
- Series B PCB male single-row connectors with ferrule ..... 68
- Series B PCB male multi-row connectors with ferrule ..... 68
- Metal pin ..... 68
- Groove metal ..... 68

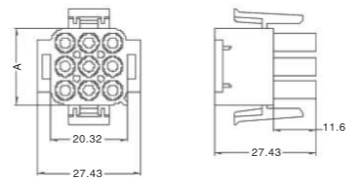
### Series B single row female connector



$$A=(line-1) * 6.35+7.62mm$$

Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
1x2	600	19	5	2	2	B11630210	Can supply different colour
1x3	600	19	5	3	3	B11630310	
1x4	600	19	5	4	4	B11630410	
1x5	600	19	5	5	5	B11630510	

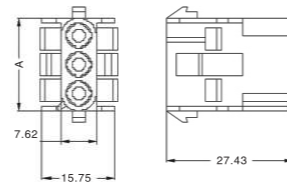
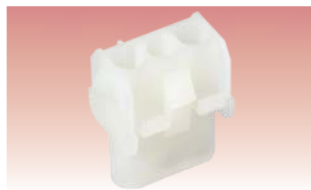
### Series B multi-row female connector



$$A=(line-1) * 6.35+7.62mm$$

Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B11633210	Can supply different colour
3x3	600	19	5	9	9	B11633310	
3x4	600	19	5	12	12	B11633410	
3x5	600	19	5	15	15	B11633510	

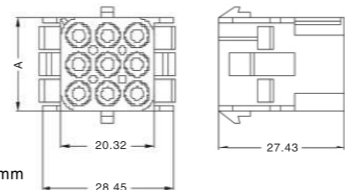
### Series B single row male connector



$$A=(line-1) * 6.35+7.62mm$$

Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
1x2	600	19	5	2	2	B12630210	Can supply different colour
1x3	600	19	5	3	3	B12630310	
1x4	600	19	5	4	4	B12630410	
1x5	600	19	5	5	5	B12630510	

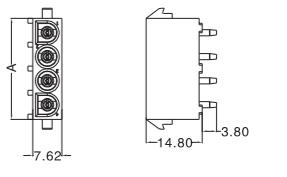
### Series B multi-row male connector



$$A=(line-1) * 6.35+7.62mm$$

Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B12633210	Can supply different colour
3x3	600	19	5	9	9	B12633310	
3x4	600	19	5	12	12	B12633410	
3x5	600	19	5	15	15	B12633510	

### Series B single row connector PCB type

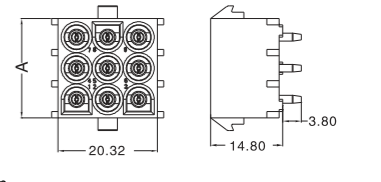


Matching with B11 series

$$A=(line-1) * 6.35+7.62mm$$

Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
1x2	600	19	5	2	2	B13630210	1.Order No. for pin: B039903 2.Can supply different colour
1x3	600	19	5	3	3	B13630310	
1x4	600	19	5	4	4	B13630410	
1x5	600	19	5	5	5	B13630510	

### Series B solder pin multi-row connector PCB type

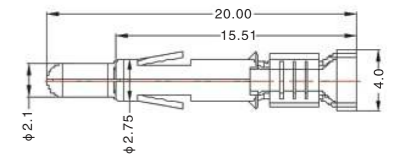
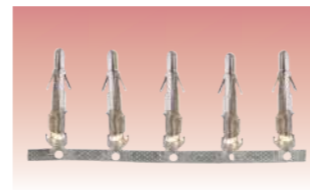


Mate for B11 series

$$A=(line-1) * 6.35+7.62mm$$

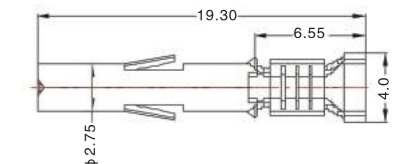
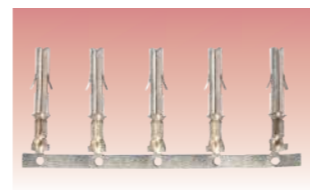
Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B13633210	1.Order No. for pin: B039903 2.Can supply different colour
3x3	600	19	5	9	9	B13633310	
3x4	600	19	5	12	12	B13633410	
3x5	600	19	5	15	15	B13633510	

### Male pin for Series B connector



Name	IEC			Wire range [mm <sup>2</sup> ]	Contact raw material	Size [mm]	Series	Order No.	
	Voltage [V]	Current [A]	Withstand voltage [Kv/min]					package by box: 3000PCS/box	package by bag: 500PCS/bag
Metal pin	600	19	5	0.5-2.0/AWG 20-14	phosphorbronze brass	20xΦ2.57	B0120	B01200003	B01200103
Metal pin	600	19	5	0.2-0.8/AWG 24-18	phosphorbronze brass	20xΦ2.57	B0120	B01080003	B01080103

### Female groove for Series B connector



Name	IEC			Wire range [mm <sup>2</sup> ]	Contact raw material	Size [mm]	Series	Order No.	
	Voltage [V]	Current [A]	Withstand voltage [Kv/min]					package by box: 3000PCS/box	package by bag: 500PCS/bag
Female groove metal	600	19	5	0.5-2.0/AWG 20-14	phosphorbronze brass	19.3xΦ2.57	B0220	B02200003	B02200103
Female groove metal	600	19	5	0.2-0.8/AWG 24-18	phosphorbronze brass	19.3xΦ2.57	B0220	B02080003	B02080103