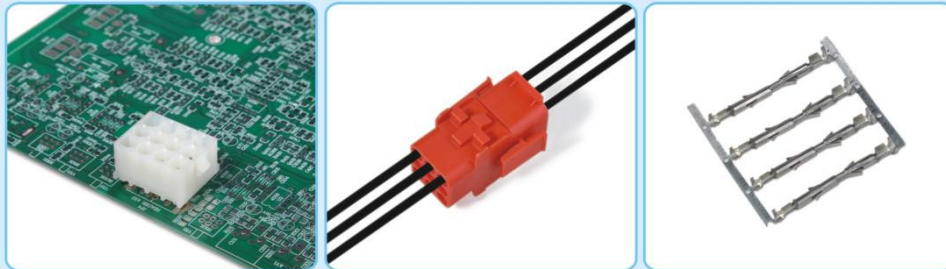


## Demonstration of series B-Connector with male/ female ferrule

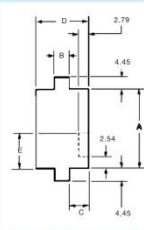


Male connector with solder pins on the PCB Board

Plug in male and female connector

Plug in metal parts

The hole dimension on the mounting Board

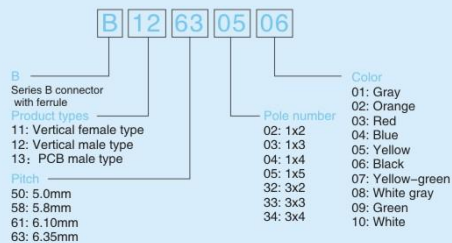


Type	Conductor	Size				
		A	B	C	D	E
Single row	2	14.35	8.64	2.41	13.46	6.35
	3	20.70	8.64	2.41	13.46	6.35
	4	27.05	8.64	2.41	13.46	6.35
Triple row	5	33.40	8.64	2.41	13.46	6.35
	6	14.35	12.19	6.99	26.16	6.35
	9	20.05	12.19	6.99	26.16	6.35
	12	27.05	12.19	6.99	26.16	8.89

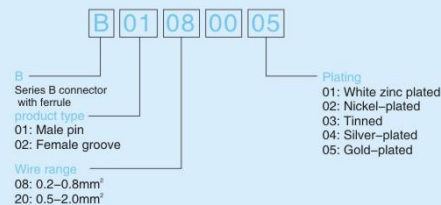
### B系列冷压式连接器塑件与金属件选型推荐

序号	图号	塑件	推荐金属件	相配型号	序号	图号	塑件	推荐金属件	相配型号
1		B11630210	B0220系列孔型金属件	B12630210	9		B12630210	B0120系列针型金属件	B11630210
2		B11630310		B12630310	10		B12630310		B11630310
3		B11630410		B12630410	11		B12630410		B11630410
4		B11630510		B12630510	12		B12630510		B11630510
5		B11633210		B12633210	13		B12633210		B11633210
6		B11633310		B12633310	14		B12633310		B11633310
7		B11633410		B12633410	15		B12633410		B11633410
8		B11633510		B12633510	16		B12633510		B11633510

### The naming rule for the insulation parts



### The naming rule for the metal parts



# 07

## Series B connectors with male/female ferrule

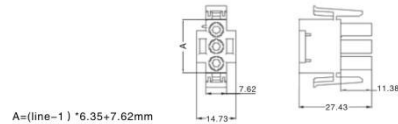
Series B-connectors with ferrule use the technology of mechanical cold pressing, adopting the metal metal spring clamp when pluggable to each other. be able to be welded on the PCB plate directly, simple tool needed, easy to operate ,airtight connection. It is widely used in the location which needed 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 connectors with male/female furrule

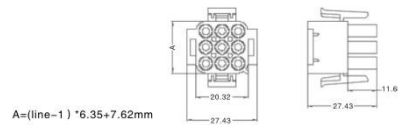


Series B single row female connector



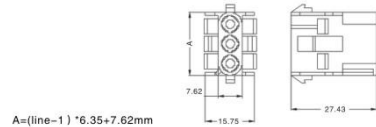
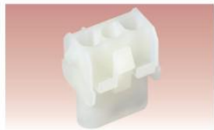
Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
1x2	600	19	5	2	2	B11630210	Can supply different colour
1x3	600	19	5	3	3	B11630310	
1x4	600	19	5	4	4	B11630410	
1x5	600	19	5	5	5	B11630510	

Series B multi- row female connector



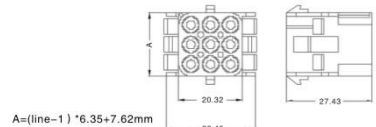
Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B11633210	Can supply different colour
3x3	600	19	5	9	9	B11633310	
3x4	600	19	5	12	12	B11633410	
3x5	600	19	5	15	15	B11633510	

Series B single row male connector



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

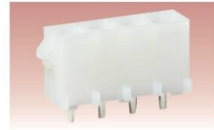


Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B12633210	Can supply different colour
3x3	600	19	5	9	9	B12633310	
3x4	600	19	5	12	12	B12633410	
3x5	600	19	5	15	15	B12633510	

Series B connectors with male/female furrule

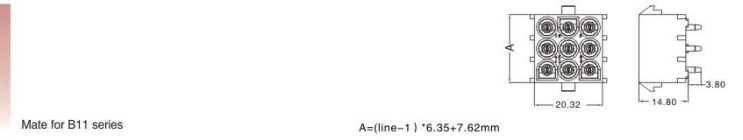


Series B single row connector PCB type



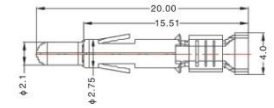
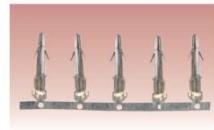
Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
1x2	600	19	5	2	2	B13630210	1.Order No. for pin: B039903 2.Can supply different colour
1x3	600	19	5	3	3	B13630310	
1x4	600	19	5	4	4	B13630410	
1x5	600	19	5	5	5	B13630510	

Series B solder pin multi- row connector PCB type



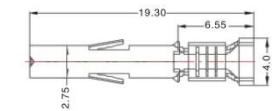
Poles No.	IEC			Potential No.	Poles No.	Order No.	Note
	Voltage[V]	Current[A]	Withstand voltage [Kv/min]				
3x2	600	19	5	6	6	B13633210	1.Order No. for pin: B039903 2.Can supply different colour
3x3	600	19	5	9	9	B13633310	
3x4	600	19	5	12	12	B13633410	
3x5	600	19	5	15	15	B13633510	

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