

Connector Housing and Contacts **multicomp**^{PRO}



**RoHS
Compliant**

Description

Multicomp Pro 350 Power Connector is a wire-to-board system that offers a 3.50mm pitch, a higher-current rating of 14.0A, and superior design options for flexibility and efficient assembly

Features

- Multiple mechanical keying
Allow same-circuit, multiple connector use with virtually no chance of cross mating
- Fully isolated terminals
Protect against potential damage of the header and receptacle terminals during handling and mating
- 5562 & 5563 Series low mating force terminal (Reduce the insertion force terminal)
Reduces operator fatigue and improves assembly compliance
- 17% reduction in pitch over similar power connectors (Compared with similar power connectors, the spacing is effectively reduced)
Current-dense design saves PCB space
- Terminal interface with six independent points of contact (split-box terminal design)
Offers alternate current paths for long-term performance and reliability

Applications

Consumer/Home Appliance

Washers, Refrigerators

Industrial

Assembly Line Equipment

Lighting

Ballasts, Home Lighting Fixtures

Medical

Medical Device

Telecommunications/Networking

Hubs, Servers

Transportation

Infotainment, Interior

Aerospace and Defense

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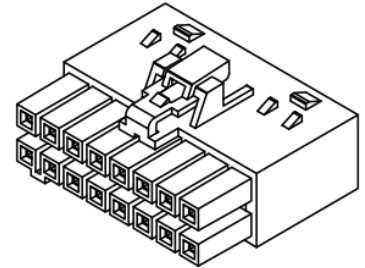
WTB, 3.5mm, Double Row

Specifications

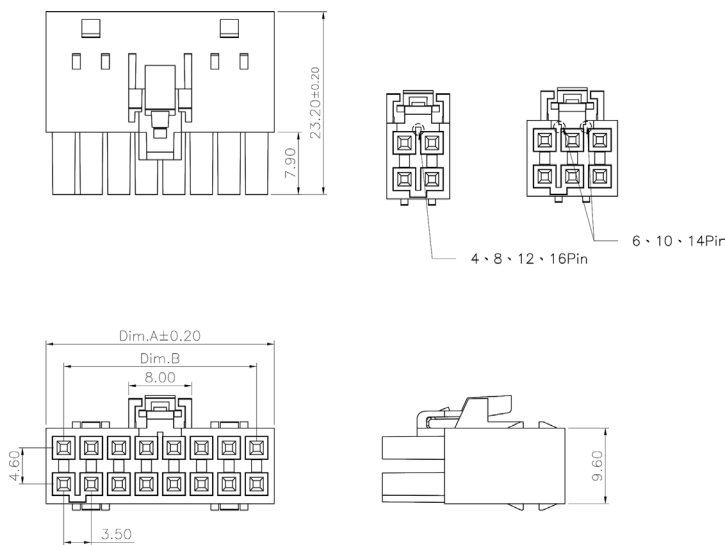
Current Rating	: 5-12A AC/DC
Contact Resistance	: 10mΩ Max.
Insulation Resistance	: 1000MΩ Min.
Withstand Voltage	: 1800V AC/minute
Operating Temperature	: -40°C to +125°C
Application Wire	: AWG#16 to #22

Material

Insulator	: Nylon66 (UL94V-0)
Colour	: Black



Drawing



Circuits	Dimensions	
	A	B
4	8	3.5
6	11.5	7
8	15	10.5
10	18.5	14
12	22	17.5
14	25.5	21
16	29	24.5

Dimensions : Millimetres

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WTB, 3.5mm Crimp Terminal

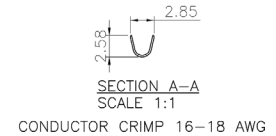
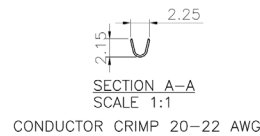
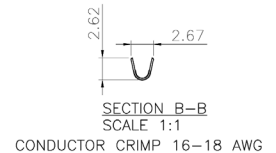
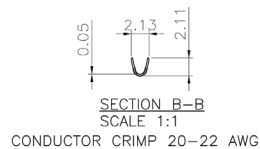
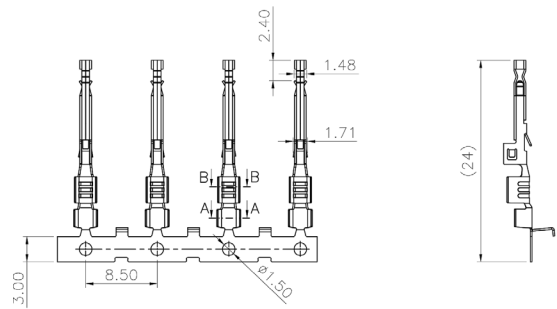
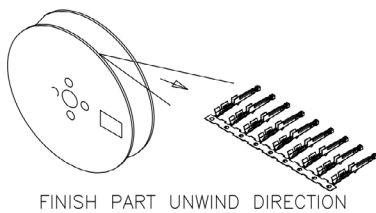


Specifications

Current Rating	: 5-14A AC/DC
Voltage Rating	: 400V AC/DC
Contact Resistance	: 30mΩ Max.
Insulation Resistance	: 1000MΩ Min.
Withstanding Voltage	: 600V AC/minute
Operating Temperature	: -25°C to +85°C

Material

Contact	: Copper
Finish	: Tin Plated



Dimensions : Millimetres

Part Number Table

Description	Part Number
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 4 Way	MP010099
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 6 Way	MP010100
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 8 Way	MP010101
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 10 Way	MP010102
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 12 Way	MP010103
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 14 Way	MP010104
WTB Connector Housing, Receptacle, 3.5mm, Double Row, 16 Way	MP010105
WTB Crimp Terminal, Tin Plated, 16 to 18 AWG	MP010113
WTB Crimp Terminal, Tin Plated, 20 to 22 AWG	MP010114

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