

Pin Headers

3.5mm, Straight, Single Row

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

Specifications

Current Rating	: 7-14A AC/DC
Voltage Rating	: 400V AC/DC
Contact Resistance	: 10mΩ Max.
Insulation Resistance	: 1000MΩ Min.
Withstanding Voltage	: 1800V AC/minute
Operating Temperature	: -40°C to +120°C

Material

Insulator	: LCP (UL94V-0)
Colour	: Black
Contact	: High Performance Alloy
Plating	: Matte Tin Plated

Applications

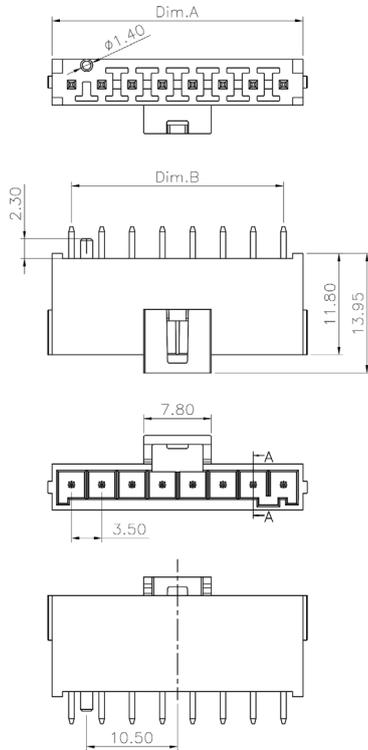
Consumer/Home Appliance
Washers
Refrigerators
Industrial
Assembly Line Equipment
Lighting
Ballasts
Home Lighting Fixtures
Medical
Medical Device
Telecommunications/Networking
Hubs
Servers
Transportation
Infotainment
Interior
Aerospace and Defense

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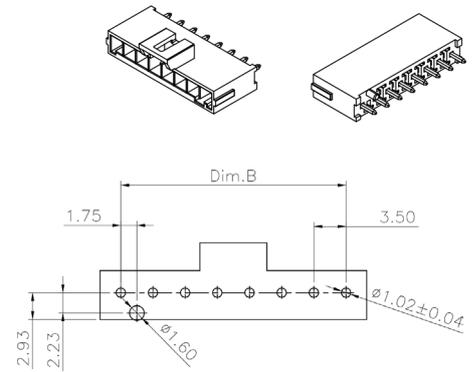
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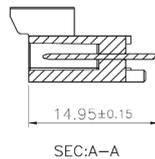
Drawing



Dimensions : Millimetres



P.C.B. Layout



Circuits	Dimensions	
	A	B
2	8	3.5
3	11.5	7
4	15	10.5
5	18.5	14
6	22	17.5
7	25.5	21
8	29	24.5

Part Number Table

Description	Part Number
Pin Header, 3.5mm, WTB, Straight, Single Row, 2 Way	MP010136
Pin Header, 3.5mm, WTB, Straight, Single Row, 3 Way	MP010137
Pin Header, 3.5mm, WTB, Straight, Single Row, 4 Way	MP010138
Pin Header, 3.5mm, WTB, Straight, Single Row, 5 Way	MP010139
Pin Header, 3.5mm, WTB, Straight, Single Row, 6 Way	MP010140
Pin Header, 3.5mm, WTB, Straight, Single Row, 7 Way	MP010141
Pin Header, 3.5mm, WTB, Straight, Single Row, 8 Way	MP010142

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