

# Pin Headers

## 3.5mm, R/A, Double 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	: 5-12A 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	: 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

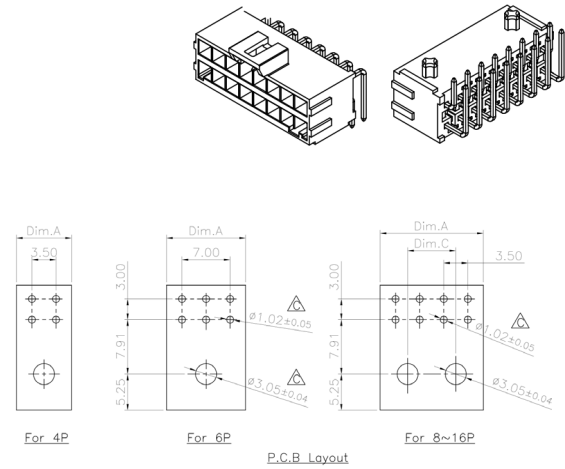
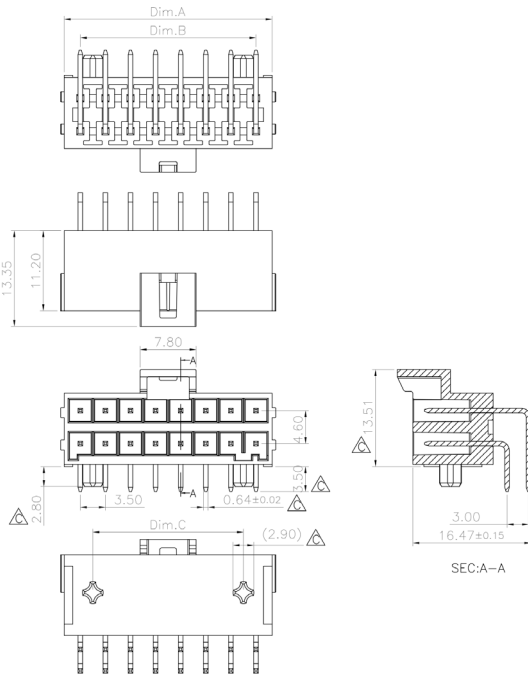
#### Aerospace and Defense

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### Drawing



Circuits	Dimensions		
	A	B	C
2	8	3.5	-
6	11.5	7	-
8	15	10.5	7
10	18.5	14	10.5
12	22	17.5	14
14	25.5	21	17.5
16	29	24.5	21

Dimensions : Millimetres

### Part Number Table

Description	Part Number
Pin Header, 3.5mm, WTB, R/A, Double Row, 4 Way	MP010115
Pin Header, 3.5mm, WTB, R/A, Double Row, 6 Way	MP010116
Pin Header, 3.5mm, WTB, R/A, Double Row, 8 Way	MP010117
Pin Header, 3.5mm, WTB, R/A, Double Row, 10 Way	MP010118
Pin Header, 3.5mm, WTB, R/A, Double Row, 12 Way	MP010119
Pin Header, 3.5mm, WTB, R/A, Double Row, 14 Way	MP010120
Pin Header, 3.5mm, WTB, R/A, Double Row, 16 Way	MP010121

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