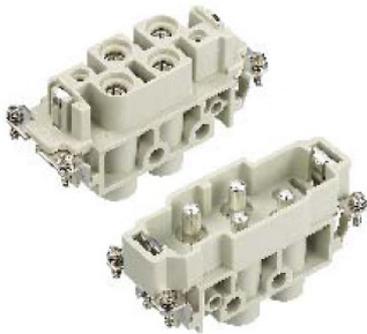


# Heavy Duty Connector Inserts Combination

**multicomp** PRO

**RoHS  
Compliant**



## Specifications

### Power Area

Rated Current : 80A  
 Rated Voltage : 830V  
 Rated Impulse Voltage : 8KV  
 Pollution Degree : 3

### Signal Area

Rated Current : 16A  
 Rated Voltage : 400V  
 Rated Impulse Voltage : 6KV  
 Pollution Degree : 3  
 Insulation Resistance :  $\geq 10^{10}\Omega$   
 Material : Polycarbonate  
 Temperature Range :  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$   
 Mating Cycles :  $\geq 500$

Contact Material : Copper Alloy  
 Contact Surface : Silver plated / Gold plated  
 Contact Resistance :  $\leq 0.3\text{m}\Omega$  (Power Area)  
 $\leq 1\text{m}\Omega$  (Signal Area)

### Power Area

Wire Gauge : 1.5~16mm<sup>2</sup>  
 AWG : 16-6

### Signal Area

Wire Gauge : 0.5~2.5mm<sup>2</sup>  
 AWG : 20-14

## 80A/16A, 830V/400V, 4 Pin/0 Pin, Insert

### Screw Terminal



MP009597

MP009596

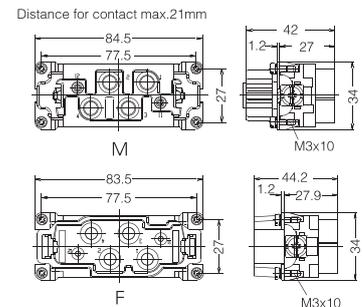


MP009599

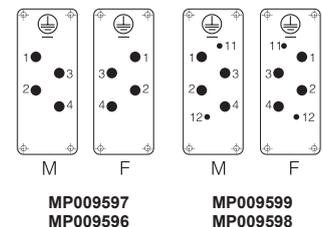
MP009598

Part Number	Inserts
MP009597	Male
MP009596	Female
MP009599	Male
MP009598	Female

### Diagram



Contacts arrangement view from termination side



Dimensions : Millimetres

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 sg.element14.com/b/multicomp-pro

**multicomp** PRO

# Heavy Duty Connector Inserts Combination



## Part Number Table

Description	Part Number
Heavy Duty Connector Insert, 80A/16A, 830V/400V, 4 Pin/0 Pin, Female, Screw Terminal	MP009596
Heavy Duty Connector Insert, 80A/16A, 830V/400V, 4 Pin/0 Pin, Male, Screw Terminal	MP009597
Heavy Duty Connector Insert, 80A/16A, 830V/400V, 4 Pin/2 Pin, Female, Screw Terminal	MP009598
Heavy Duty Connector Insert, 80A/16A, 830V/400V, 4 Pin/2 Pin, Male, Screw Terminal	MP009599

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