

Heavy Duty Connector Inserts Combination

multicomp PRO

40A/10A, 690V/160V, 6 Pin/36 Pin, Insert

**RoHS
Compliant**



Specifications

Power Area

Rated Current : 40A
 Rated Voltage : 690V
 Rated Impulse Voltage : 8KV
 Pollution Degree : 3

Signal Area

Rated Current : 10A
 Rated Voltage : 160V
 Rated Impulse Voltage : 2.5KV
 Pollution Degree : 3
 Insulation Resistance : $\geq 10^{10}\Omega$
 Material : Polycarbonate
 Temperature Range : -40°C to $+125^{\circ}\text{C}$
 Mating Cycles : ≥ 500
 Contact Material : Copper Alloy
 Contact Surface : Silver plated / Gold plated
 Contact Resistance : $\leq 0.3\text{m}\Omega$ (Power Area)
 $\leq 0.3\text{m}\Omega$ (Signal Area)

Power Area

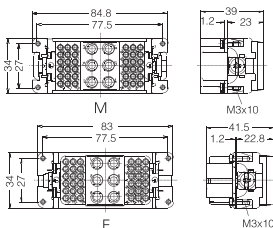
Wire Gauge : 1.5~6mm²
 AWG : 16-10

Signal Area

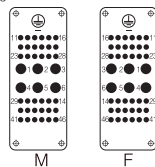
Wire Gauge : 0.14~2.5mm²
 AWG : 26-14

Diagram

Distance for contact max.21mm



Contacts arrangement view from termination side



Dimensions : Millimetres

Part Number Table

Description	Part Number
Heavy Duty Connector Insert, 40A/10A, 690V/160V, 6 Pin/36 Pin, Female, Crimp Terminal	MP009610
Heavy Duty Connector Insert, 40A/10A, 690V/160V, 6 Pin/36 Pin, Male, Crimp Terminal	MP009611

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