

Heavy Duty Connector Inserts Combination

multicomp PRO

40A/10A, 690V/250V, 12 Pin/2 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 : 250V
 Rated Impulse Voltage : 4KV
 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)
 $\leq 3\text{m}\Omega$ (Signal Area)

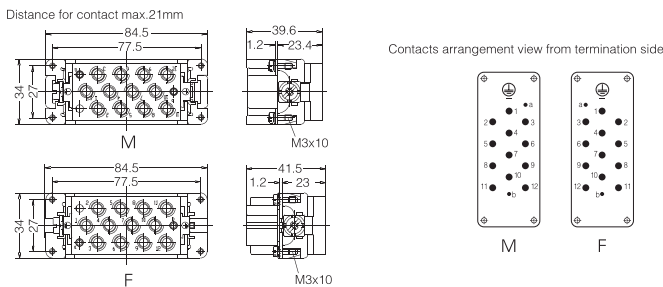
Power Area

Wire Gauge : 1.5~6mm²
 AWG : 16-10

Signal Area

Wire Gauge : 0.14~2.5mm²
 AWG : 26-14

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Heavy Duty Connector Insert, 40A/10A, 690V/250V, 12 Pin/2 Pin, Female, Crimp Terminal	MP009616
Heavy Duty Connector Insert, 40A/10A, 690V/250V, 12 Pin/2 Pin, Male, Crimp Terminal	MP009617

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