

Heavy Duty Connector Inserts Combination

multicomp PRO

100A/16A, 690V/400V, 6 Pin/6 Pin, Insert

**RoHS
Compliant**



Specifications

Power Area

Rated Current : 100A
 Rated Voltage : 690V
 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°C to $+125^{\circ}\text{C}$
 Mating Cycles : ≥ 500
 Contact Material : Copper Alloy
 Contact Surface : Silver plated / Gold plated
 Contact Resistance : $\leq 0.5\text{m}\Omega$ (Power Area)
 $\leq 1\text{m}\Omega$ (Signal Area)

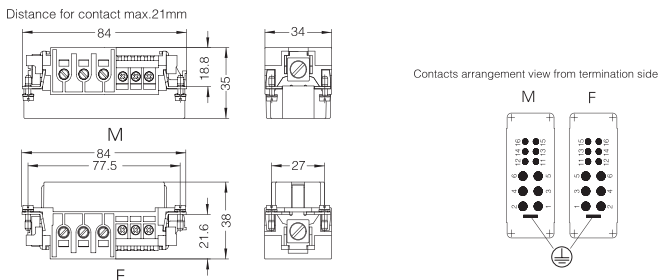
Power Area

Wire Gauge : 16~35mm²
 AWG : 5-2

Signal Area

Wire Gauge : 0.2~2.5mm²
 AWG : 24-13

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Heavy Duty Connector Insert, 100A/16A, 690V/400V, 6 Pin/6 Pin, Female, Screw Terminal	MP009606
Heavy Duty Connector Insert, 100A/16A, 690V/400V, 6 Pin/6 Pin, Male, Screw Terminal	MP009607

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