

EV Charging Connector

multicomp PRO

**RoHS
Compliant**



Specification

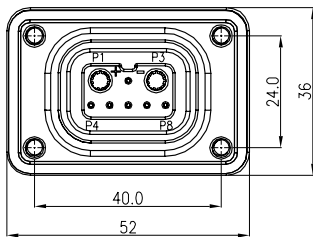
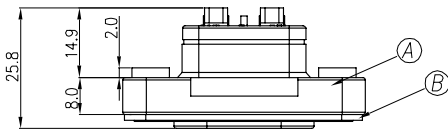
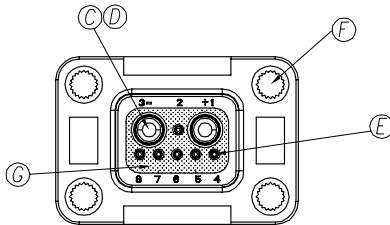
Electrical Characteristics

Temperature Range	: 40°C to 105°C
Rating	: 84V DC 35A
Contact Resistance	: Discharge Pin: 2mΩ Max.
Dielectric Withstanding Voltage	: 500V AC For One Minute.
Insulation Resistance	: 50mΩ min. Measured by 500V DC

Mechanical Characteristics

Insertion / Withdrawl Force	: 0.6kgf Min. (Initial)
Life Test	: 5000 Cycles Min.
Waterproof Level	: IP67

Diagram



No.	Description	Qty.	Material	Plating & Color
A	Housing	1	Thermoplastic	Black
B	Gasket		Silicon	
C	Pin1	2	Brass	Au Plating
D	Spring		Copper Alloy	
E	Pin2	6	Brass	
F	Nut	4	SUS	/
G	Glue	1	JA723-A/B	Black

Part Number Table

Description	Part Number
Female Battery Connector, 84V DC / 35A	MP013750

Dimensions : Millimetres

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO