

Power Supply Voltage & Signal CAM-D50, CCM-D51

FEATURES

1. 16 pin power connector of an angle type on the plug side.
2. The lock device ensures secure fitting.
3. A fuse is mountable to the plug connector.
4. Configured for 2 power supply contact pins and 14 signal contact pins.
5. Connectors can be fixed by using screws.
6. 70% smaller in volume, and 75% smaller in footprint compared to MITSUMI's conventional product.



HOW TO ORDER

1. CAM-D50 (Plug)

D50-016-02 0-I J B I A
 1 2 3 4 5 6 7 8 9

- 1 Series No. (D50)
- 2 No. of contacts (016 : 16pins)
- 3 Housing material (02 : PBT resin)
- 4 Housing UL grade (0 : UL94V-0)
- 5 Contact plating (I : Tin reflow plating)
- 6 Contact plating thickness (J : 3.0µm)
- 7 Contact tail style (B : Angle)
- 8 Accessory for connector outside (I : Nut)
- 9 Accessory for connector inside (A : None)

2. CCM-D51 (Socket)

D51-016-3539A
 1 2 3

- 1 Series No. (D51)
- 2 No. of contacts (016 : 16pins)
- 3 Product Specifications.

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	14V DC
Rated Current	Signal terminal : 5A (Power supply terminal : 10A)
Withstanding Voltage	500V AC (rms) 1 minute
Insulation Resistance	100MΩ min. (at 500V DC)
Contact Resistance	15mΩ max.

MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	200 times
Total Insertion Force	88.2N (9kgf) max.
Total Withdrawal Force	9.8N (1.0kgf) min.
Using Temperature Range	-35~+85°C

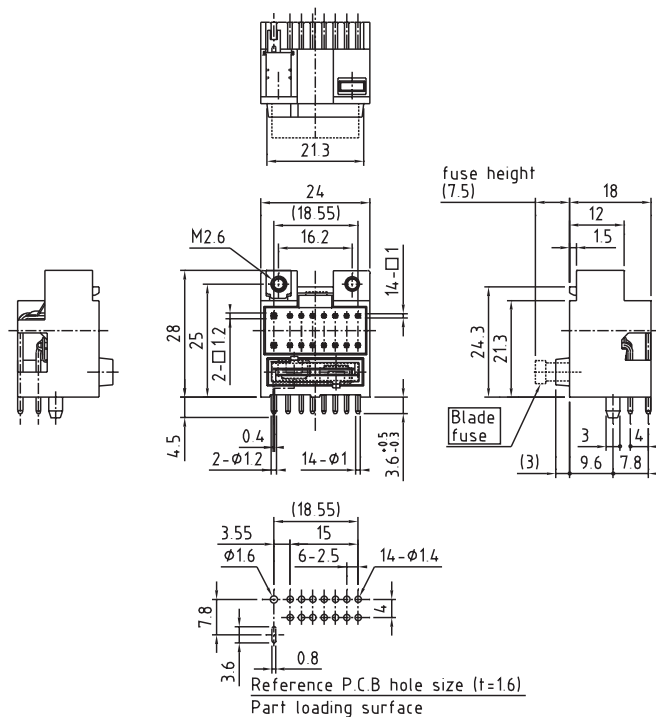
• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

MATERIAL & FINISH

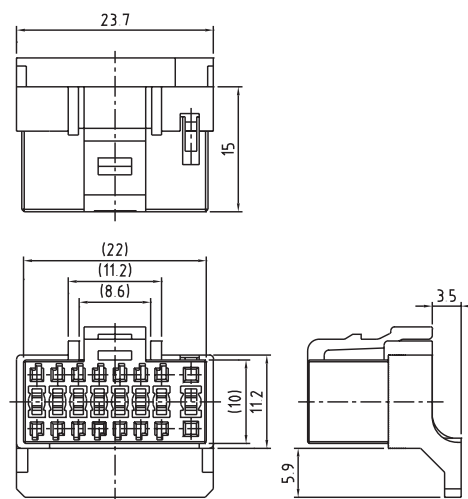
Component Parts		Material	Finish
CAM-D50 (Plug)	Housing	Glass filled PBT resin	—
	Contact	Copper Alloy	Tin reflow plating
	Fuse Terminal	Brass	Tin reflow plating
	Square Nut	Steel	Nickel plating
CCM-D51 (Socket)	Housing	46 Nylon resin	—
	Contact	Copper Alloy	Tin reflow plating

DIMENSIONS

CAM-D50 (Plug)



CCM-D51 (Socket)



Unit : mm