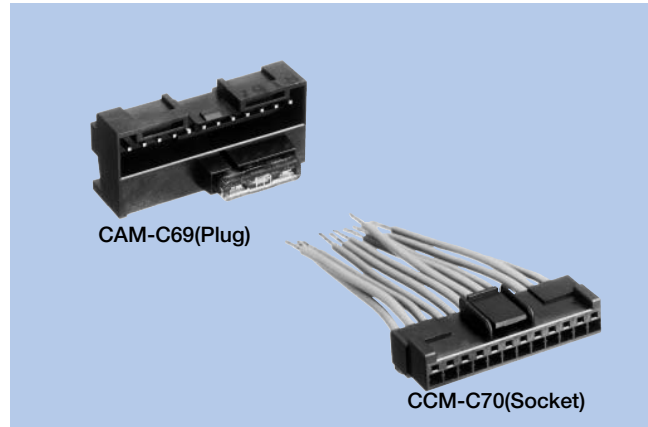


# Power Supply Voltage & Signal CAM-C69, CCM-C70

## FEATURES

1. 12 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. This type is common to both power and signal contact pins.



## HOW TO ORDER

### 1. CAM-C69 (Plug)

**C69-012-02-0-I J B A A**  
1 2 3 4 5 6 7 8 9

- 1 Series No. (C69)
- 2 No. of contacts (012 : 12pins)
- 3 Housing material (02 : PBT resin)
- 4 Housing UL grade (0 : 94V-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 (A : none)
- 9 Accessory for connector inside (A : none)

### 2. CCM-C70 (Socket)

**C70-012-□□□□**  
1 2 3

- 1 Series No. (C70)
- 2 No. of contacts (012 : 12pins)
- 3 Running No. assigned by us

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

|                       |                         |
|-----------------------|-------------------------|
| Rated Voltage         | 14V DC                  |
| Rated Current         | 10A                     |
| Withstanding Voltage  | 500V AC (rms) 1minute   |
| Insulation Resistance | 100MΩ min. (at 500V DC) |
| Contact Resistance    | 15mΩ max.               |

### MECHANICAL CHARACTERISTICS

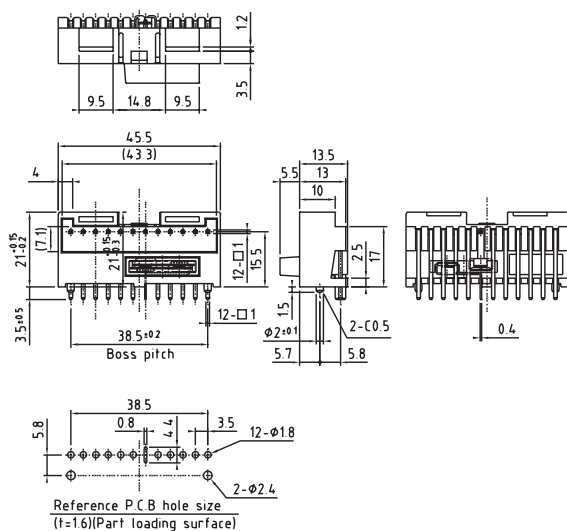
|                         |                     |
|-------------------------|---------------------|
| Life (Matching Cycle)   | 200 times           |
| Total Insertion Force   | 117.6N (12kgf) max. |
| Total Withdrawal Force  | 7.06N (0.72kg) min. |
| Using Temperature Range | -30~+85°C           |

## MATERIAL & FINISH

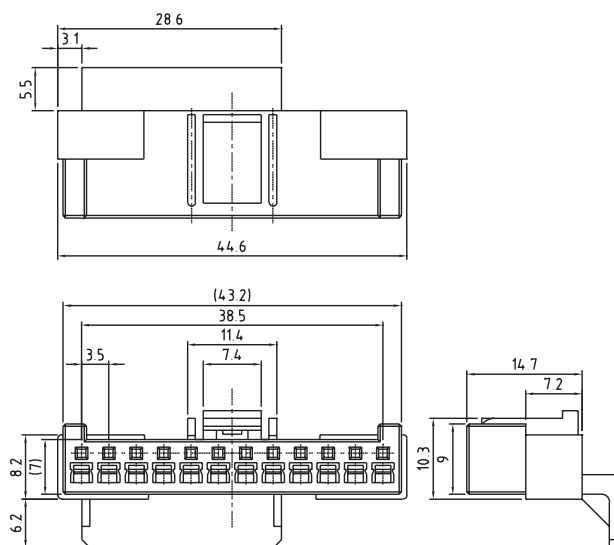
| Component Parts     |               | Material               | Finish             |
|---------------------|---------------|------------------------|--------------------|
| CAM-C69<br>(Plug)   | Housing       | Glass filled PBT resin | —                  |
|                     | Contact       | Brass                  | Tin reflow plating |
|                     | Fuse Terminal | Brass                  | Tin reflow plating |
| CCM-C70<br>(Socket) | Housing       | Glass filled PBT resin | —                  |
|                     | Contact       | Copper Alloy           | Tin reflow plating |

## DIMENSIONS

CAM-C69



CCM-C70



Unit : mm