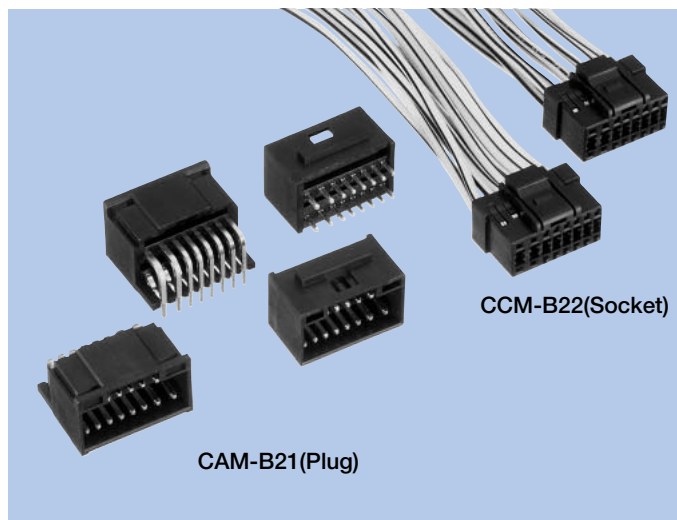


Power Supply Voltage & Signal CAM-B21, CCM-B22

Connectors

FEATURES

1. One-touch locking mechanism ensures a secure fitting.
2. There are two types of plug connectors to be mounted on the PC board : straight and angle, which can be chosen in terms of use.
3. The socket connector on the cable assembly side is of double lance structure to enhance the withdrawal strength from the housing.
4. Configured for 4 power supply contact pins and 12 signal contact pins.



HOW TO ORDER

1. CAM-B21 (Plug)

B21-016-02 0-I J □ A A
 1 2 3 4 5 6 7 8 9

- 1 Series No.
- 2 No. of contacts (016 : 16pins)
- 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 : 3.0μ)
- 7 Contact tail style (A : Straight, B : Angle)
- 8 Accessory for connector outside (A : None)
- 9 Accessory for connector inside (A : None)

2. CCM-B22 (Socket)

B22-016-□ □ □ □ □
 1 2 3

- 1 Series No.
- 2 No. of contacts (016 : 16pins)
- 3 Running No. assigned by us

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	14V DC
Rated Current	Signal terminal : 5A (Power terminal : 10A)
Withstanding Voltage	500V AC (rms) 1minute
Insulation Resistance	100MΩ min. (at 500V DC)
Contact Resistance	70mΩ max.

MECHANICAL CHARACTERISTICS

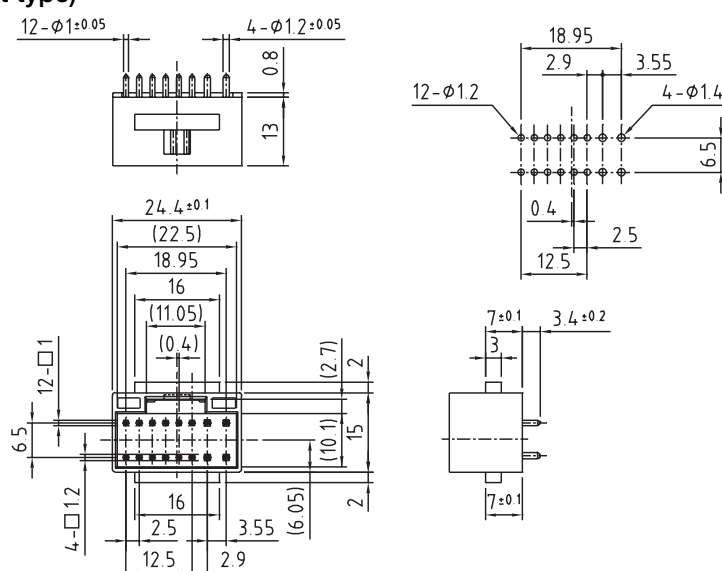
Life (Matching Cycle)	30 times
Total Insertion Force	68.6N (7kgf) max.
Total Withdrawal Force	9.8~68.6N (1~7kgf)
Using Temperature Range	-35~+85°C

MATERIAL & FINISH

Component parts		Material	Finish
CAM-B21 (Plug)	Housing	Glass filled PBT resin (Black)	—
	Contact for Power Supply	Copper Alloy	Tin reflow plating
	Contact for Signal	Copper Alloy	Tin reflow plating
CCM-B22 (Socket)	Housing	46 Nylon	—
	Contact for Power Supply	Copper Alloy	Tin reflow plating
	Contact for Signal	Copper Alloy	Tin reflow plating

DIMENSIONS

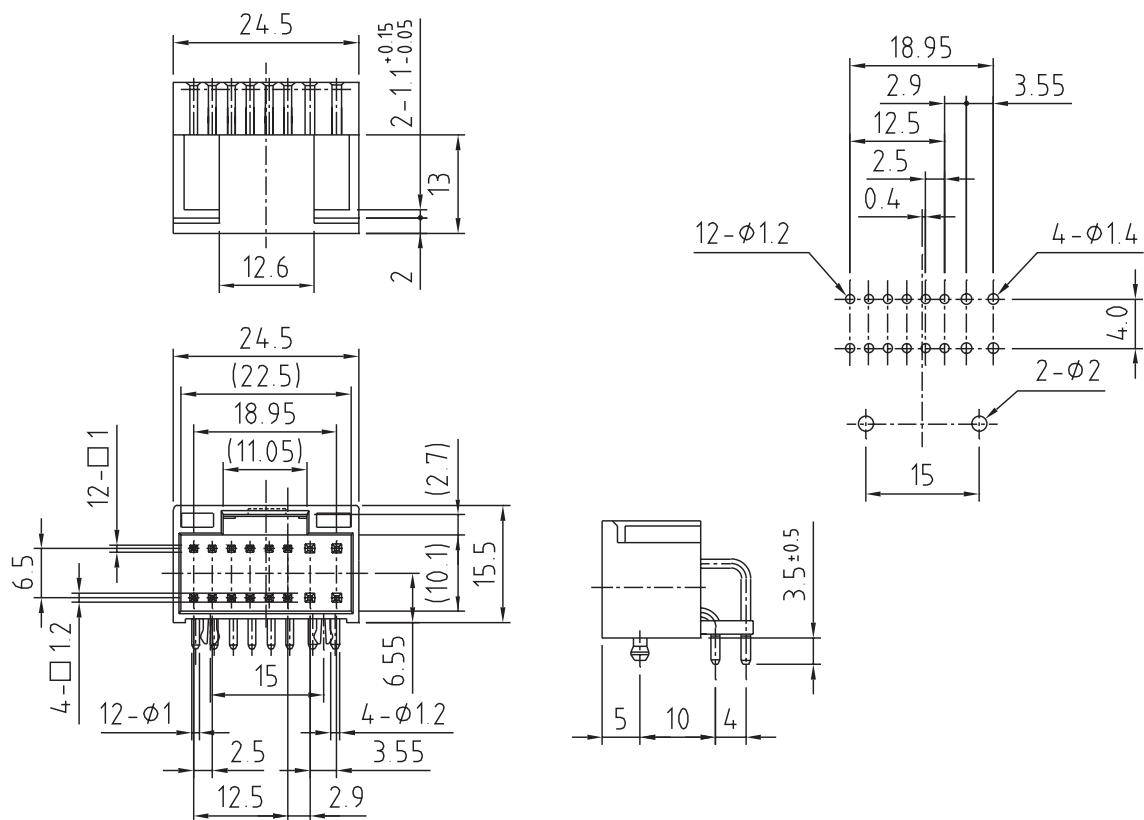
CAM-B21 (Plug : straight type)



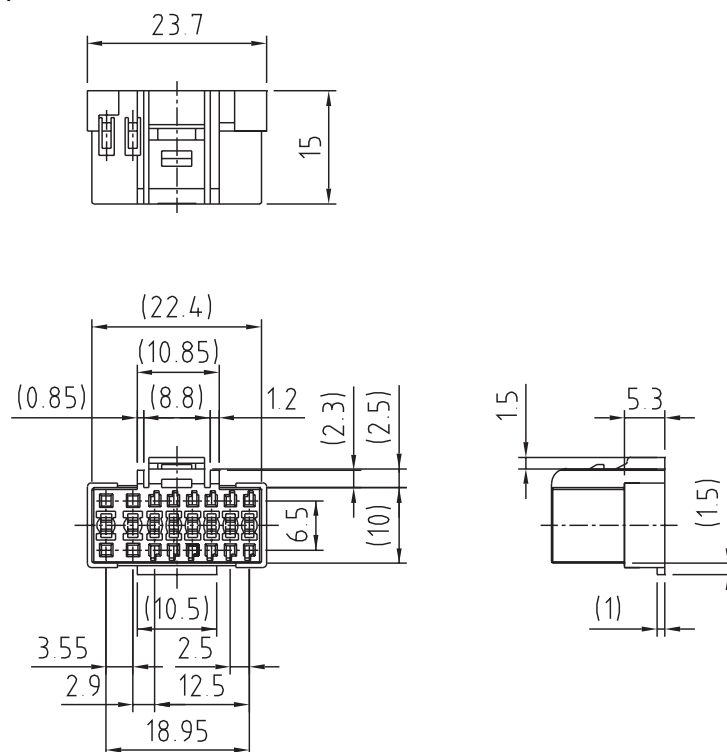
Unit : mm

DIMENSIONS

CAM-B21 (Plug : Angle type)



CCM-B22 (Socket type)



SOCKET PARTS SELLING

Socket Contact ZC-B22-0884F		Socket Contact ZC-B22-0885F	
<p>Unit : mm</p>		<p>Unit : mm</p>	
Socket Contact ZC-B22-0886F		Socket Insulator ZM-B22-0883A	
<p>Unit : mm</p>		<p>Unit : mm</p>	

Component Parts		AWG No.	Part No.
Housing		—	ZM-B22-0883A
Contact	For Power Supply	AWG16	ZC-B22-0884F
	For Signal	AWG18~20	ZC-B22-0885F
		AWG20~22	ZC-B22-0886F