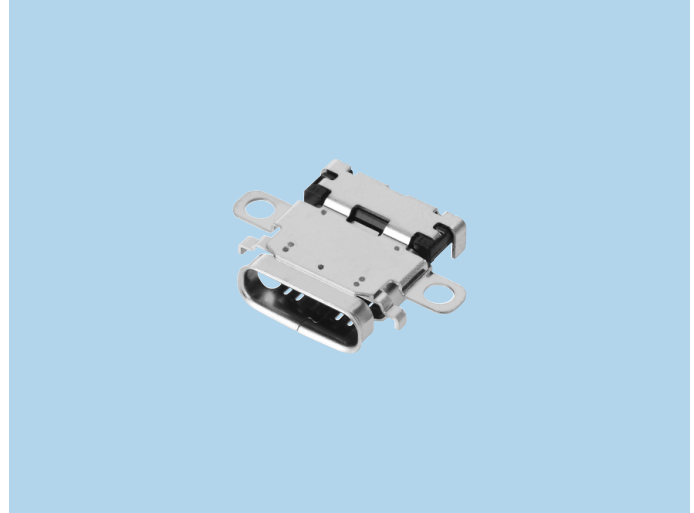


# USB Connectors “Type-C Series” CAM-L12 Series

## FEATURES

1. USB 3.1 Type-CTM Standard Compliant
2. TID : 5,200,000,330
3. USB PD Support
4. Improved wrenching strength
5. Optimized design with Precise processing technology advantage
6. High Quality



## CAM-L12 Series LIST

Model	Receptacle	Connector Type
CAM-L12	Midmount type	USB Type-C

## HOW TO ORDER

### 1. CAM-L12

**L12 - 024 - 05 0 - A C G A A**  
 1      2      3 4    5 6 7 8 9

- 1 Series No. (L12)
- 2 No. of contacts (024 : 24pins)
- 3 Housing material (05 : Nylon)
- 4 UL grade (0 : UL94V-0)
- 5 Contact plating (A : Gold)
- 6 Contact plating thickness (C : Ni+Pd 0.75μm, Au 0.05μm contact area)
- 7 Contact style (G : Angle SMT)
- 8 Coupling side accessories (A : None)
- 9 Board side accessories (A : None)

## SPECIFICATIONS

### ELECTRICAL CHARACTERISTICS

Rated Voltage	20V rms
Rated Current	Pin No. A1, A4, A9, A12, B1, B4, B5, B9, B12 DC 1.25A(MAX), Other DC 0.25A
Withstanding Voltage	100V (rms) 1minute
Insulation Resistance	100MΩ (Initial)
Contact Resistance	40mΩ MAX (Initial)

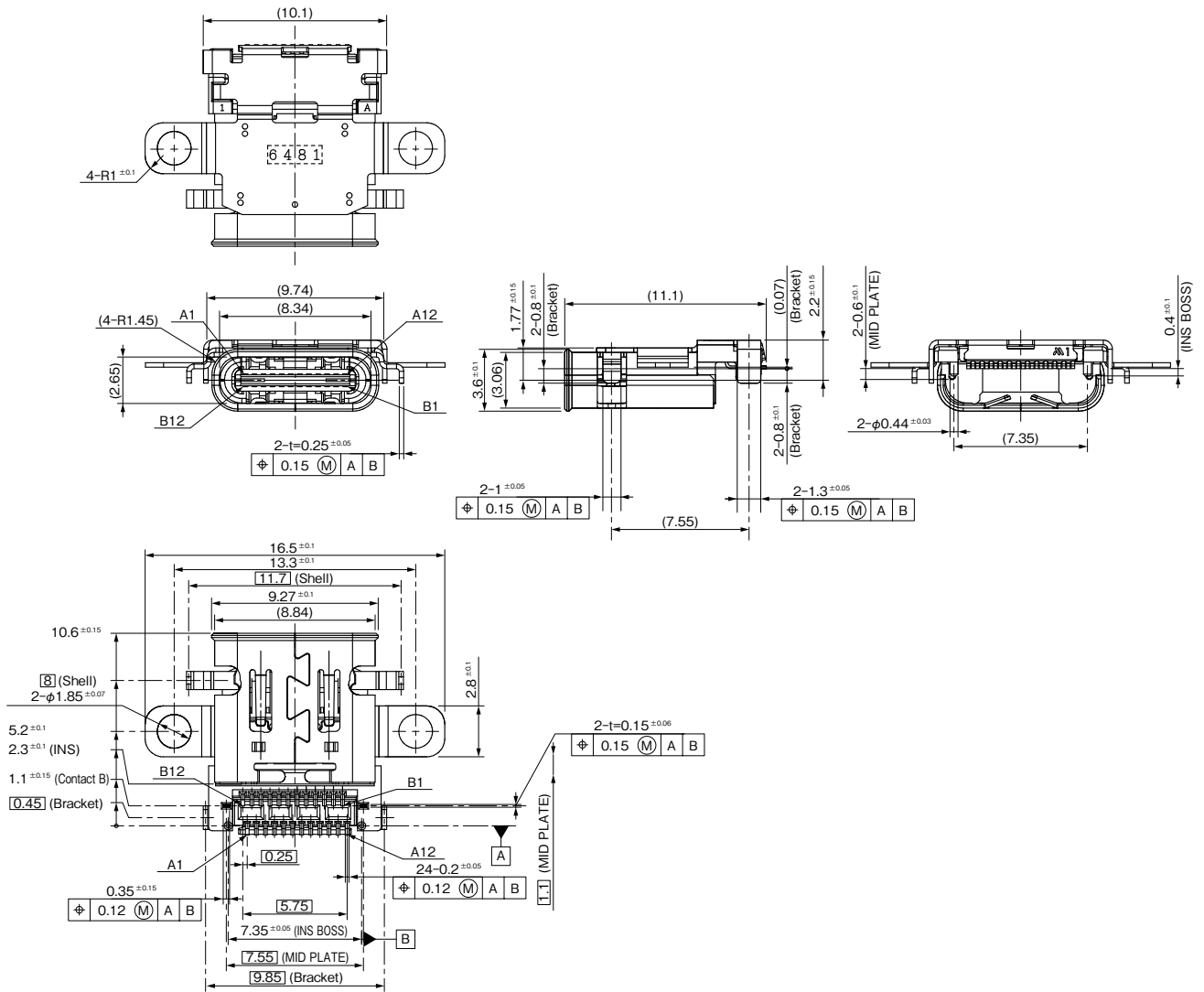
### MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	10,000 Cycles
Total Insertion Force	5 to 20N
Total Withdrawal Force	8 to 20N (Initial), 6 to 20N (After)

## MATERIAL & FINISH

Component Parts	Material	Finish
Housing	Nylon	Black
Contact	Copper alloy	NiPd+Au Plating
Shell	SUS/SUS	Ni Plating
Mid Plate	SUS/SUS	Ni Plating
EMC Pad	SUS/SUS	Ni Plating
Bracket	SUS/SUS	Ni Plating

# DIMENSIONS



Unit : mm

• 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.

