

USB Connectors “Type-C Series” CAM-L05 Series

FEATURES

1. USB 3.1 Type-CTM Standard Compliant
2. TID : 5,200,000,376
3. USB PD Support
4. Improved wrenching strength
5. Optimized design with Precise processing technology advantage
6. High Quality



CAM-L05 Series LIST

Model	Receptacle	Connector Type
CAM-L05	Onboard type	USB Type-C

HOW TO ORDER

1. CAM-L05

L05 - 024 - 05 0 - A C G A A
 1 2 3 4 5 6 7 8 9

- 1 Series No. (L05)
- 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

