

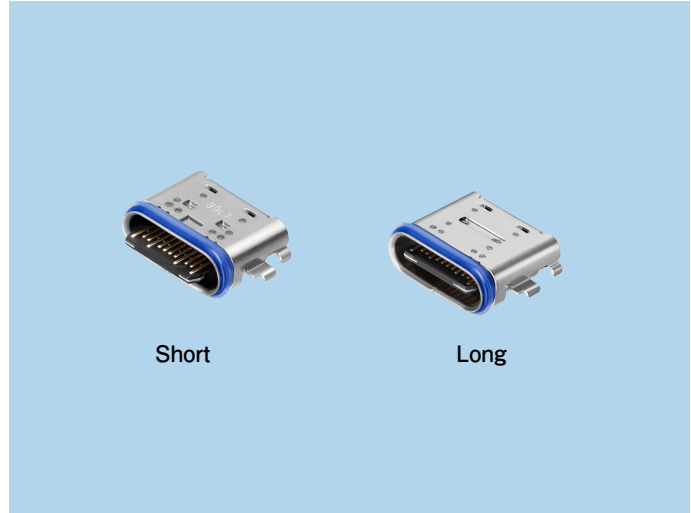
USB Connectors “Type-C Waterproof Series” CAM-L41 Series

FEATURES

1. Conform to USB 3.2 Type-C™ Standard *1
(Differs by part No)
2. Waterproof performance IPx8
(1.5m, 30 minutes)
3. World's first waterproof Type-C, correspond with Thunderbolt™3 *2
(According to our research)
4. Correspond with USB PD
5. High quality waterproof performance by our original structure (Patent applied)
6. Space-saving design

*1 USB Type-C™ is a trademark of USB Implementers Forum.

*2 Thunderbolt and the Thunderbolt logo are trademarks of Intel Corporation in the U.S. and/or other countries.



CAM-L41A Series LIST

Model	Receptacle	Connector Type
CAM-L41	Waterproof Midmount type	USB Type-C

HOW TO ORDER

1. CAM-L41

L41 - 024 - 230 - ACGAA
 1 2

- 1 Series No. (L41)
- 2 No. of contacts (024 : 24pins)

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	20V rms
Rated Current	VBUS pins (A4, A9, B4, B9) : Each pins total DC 5A max. GND pins (A1, A12, B1, B12) : Each pins total DC 6.25A max. Vconn : DC 1.25A max. Other pins : DC 0.25A
Withstanding Voltage	AC 100V(rms)1minute
Insulation Resistance	100MΩ min. (Initial)
Contact Resistance	40mΩ max. (Initial)

MECHANICAL CHARACTERISTICS

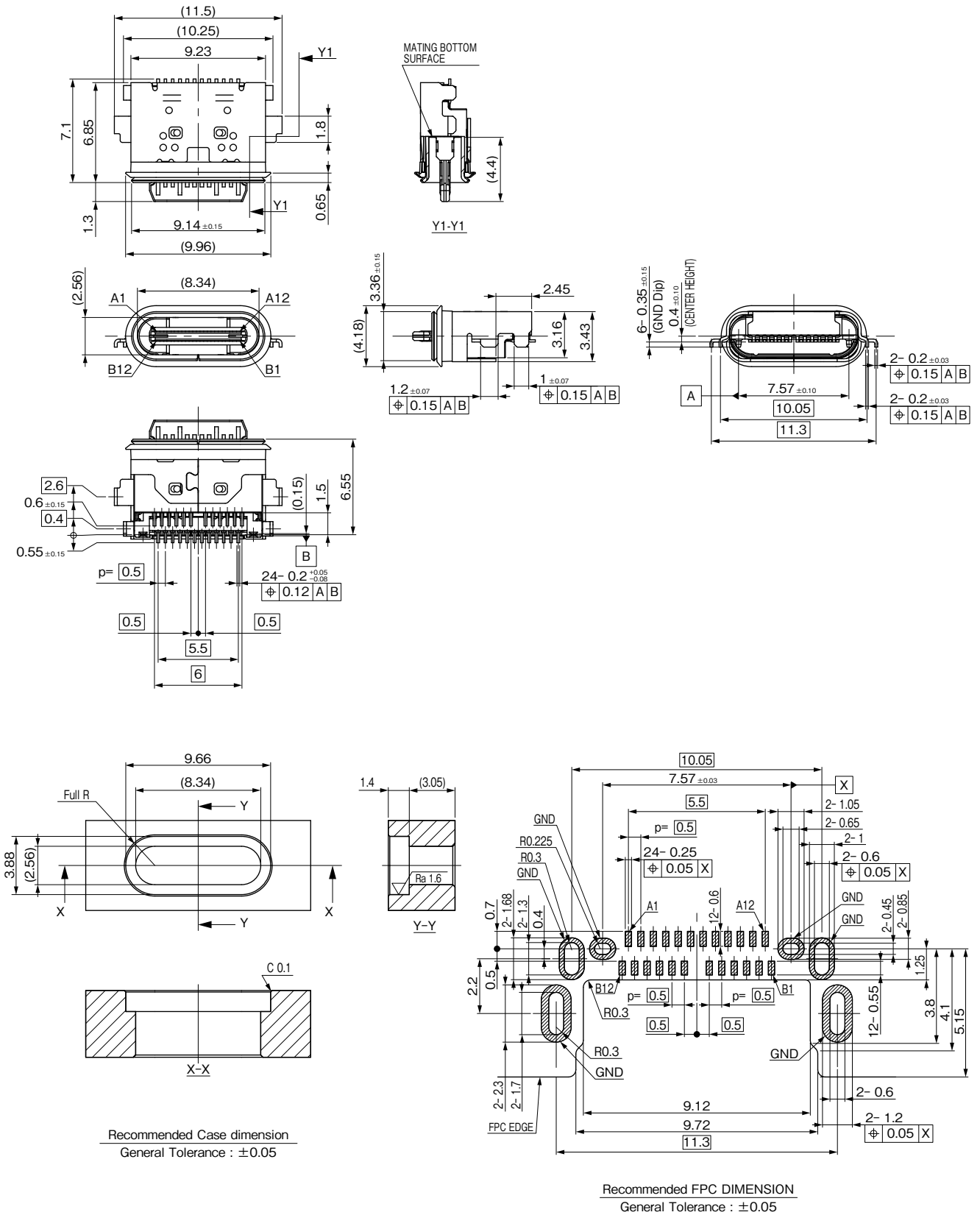
Life (Matching Cycle)	10,000 Cycles
Total Insertion Force	5 to 20N
Total Withdrawal Force	8 to 20N (Initial), 6 to 20N (After)
Dust and Water resistance	IP68

MATERIAL & FINISH

Component Parts	Material	Finish
Contact Pin	Copper alloy	NiPd+Au Plating
Mid Plate	Stainless steel	Ni Plating
Housing	Thermoplastic resin	
Shell	Stainless steel	
Shield case	Stainless steel	Ni Plating
Inner gasket	Un disclosed	
Outer gasket	Un disclosed	

DIMENSIONS

CAM-L41 Short



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.

