# USB Connectors "Type-C Series" CAM-L13 Series

Connectors

### FEATURES

- 1. USB 3.1 Type-C<sup>™</sup> Standard Compliant
- 2. TID : 5,200,000,765
- 3. USB PD Support
- 4. Improved wrenching strength
- 5. Optimized design with Precise processing technology advantage
- 6. High Quality



### CAM-L13 Series LIST

| Model   | Receptacle  | Connector Type |
|---------|-------------|----------------|
| CAM-L13 | Hybrid type | USB Type-C     |

# SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

| Rated Voltage         | 20V rms  |  |
|-----------------------|--|--|
| Rated Current         | VBUS pins (A4,A9,B4,B9) : Each pins total DC 5A max.<br>GND pins (A1,A12,B1,B12) : Each pins total DC 6.25A max.<br>Vconn : DC 1.25A max.<br>Other pins : DC 0.25A |  |
| Withstanding Voltage  | AC 100V (rms) 1minute  |  |
| Insulation Resistance | $100M\Omega$ (Initial)   |  |
| Contact Resistance    | $40 \mathrm{m}\Omega$ max. (Initial)   |  |

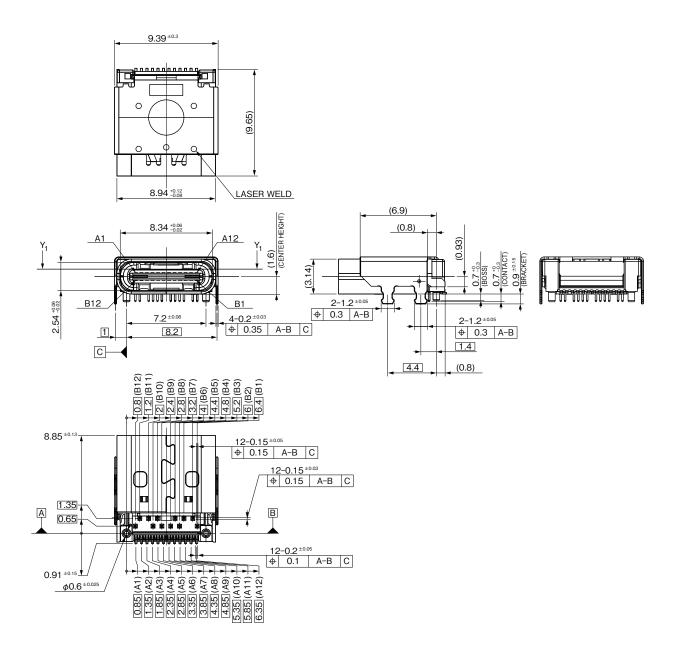
#### MECHANICAL CHARACTERISTICS

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

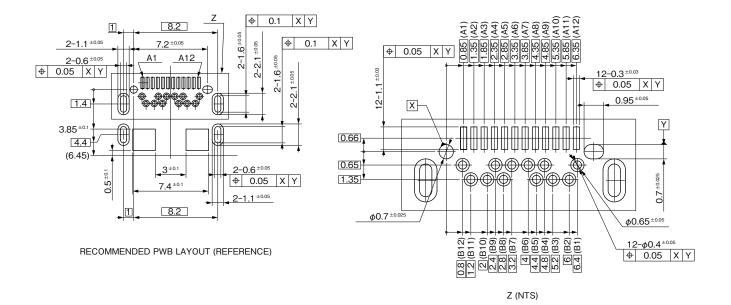
### MATERIAL & FINISH

| Component Parts | Material     | Finish          |
|-----------------|--------------|-----------------|
| Housing         | Nylon        | Black           |
| Contact         | Copper alloy | NiPd+Au Plating |
| Shell           | SUS/SUS      | Ni Plating      |
| Mid Plate       | SUS/SUS      | _               |

## DIMENSIONS



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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.



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