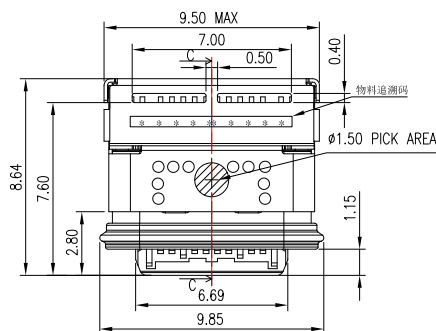
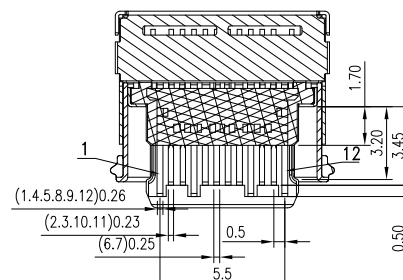
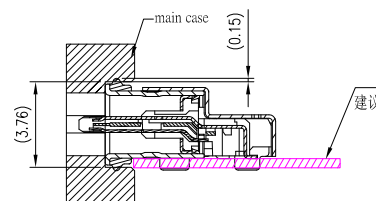
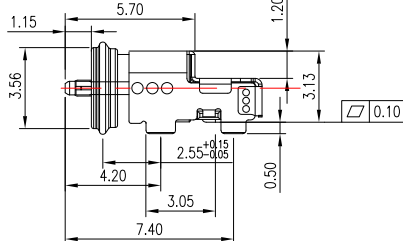
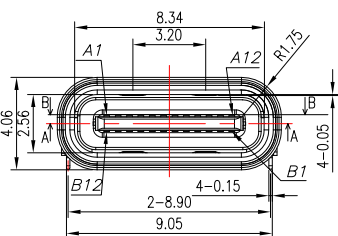


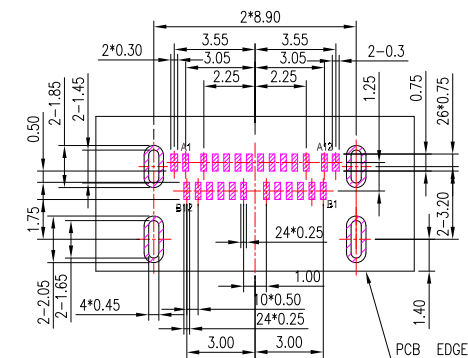
SECTION C-C(SC 1:1)



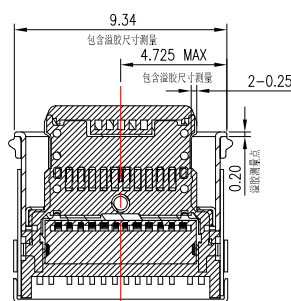
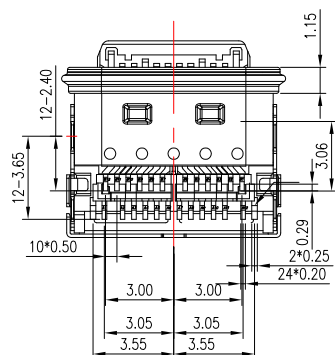
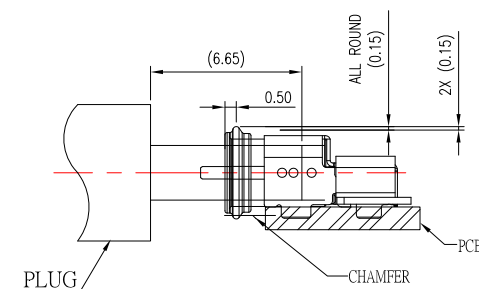
SECTION B-B(SC 1:1)



SECTION A-A
PANEL CUT-OUT REFERENCE



PCB LAYOUT



SECTION A-A(SC 1:1)

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRp1	Negative half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRm1	Positive half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SB02	Sideband Use (SB0)
A6	bp1	Positive half of the USB 2.0 differential pair-Position 1	B7	bp2	Negative half of the USB 2.0 differential pair-Position 2
A7	bp1	Negative half of the USB 2.0 differential pair-Position 1	B6	bp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SB01	Sideband Use(SB0)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRp2	Positive half of second SuperSpeed RX differential pair	B3	SSTx2	Negative half of second SuperSpeed TX differential pair
A11	SSRp2	Negative half of second SuperSpeed RX differential pair	B2	SSTx2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

SPECIFICATIONS

Electrical:

- Rating: 5.0A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: PA46
 - Contact: C18400
 - Shell: SUS
- Finish:
- Contact: Plated Gold in Mating Area ; Gold Plated on Solder Balls ; Nickel under plated overall
 - Shell: Nickel under Plated surface layer

RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

TOLERANCES ARE

Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

PPOJECTION

照片框

ORDER INFORMATION

WPUB-SWMM8989-24C-LF

SERIES

LEADFREE

24 WAY C TYPE

METAL FOOT 8.90+8.90mm

90°SMT

FEMALE

DESCRIPTION: USB 3.1 TYPE C 防水型 板上式 H3.13 IP68

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司

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