

NOTE:

1.PLATING SPECIFICATION:

1-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 CONTACT FUNCTIONAL AREA PLATED : Au 3u"
 80u" MIN TIN PLATED ON SOLDER AREA.

1-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

1-3.MID PLATE:

Ni 50u" MIN. UNDER PLATED OVER ALL.

1-4.EMI PLATE:

CLEAR ONLY

2.MECHANICAL PERFORMANCE,

2-1.INSERTION FORCE: 0.5~2.0kgf.
 2-2.REMOVAL FORCE: Initial 0.8~2.0kgf;After durability 0.6~2.0kgf.
 2-3.DURABILITY: 10000 CYCLES.

3.ELECTRICAL PERFORMANCE,

3-1. CURRENT RATING:5.0A for A4/A9/B4/B9 PIN,1.25A for Other PINS
 VOLTAGE RATING:5.0V

3-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
 SHIELD: 50mA/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mA.

3-3.INSULATION RESISTANCE: 100MΩ MIN

3-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100VAC FOR 1 MINUTE.

4. ENVIRONMENTAL PERFORMANCE:

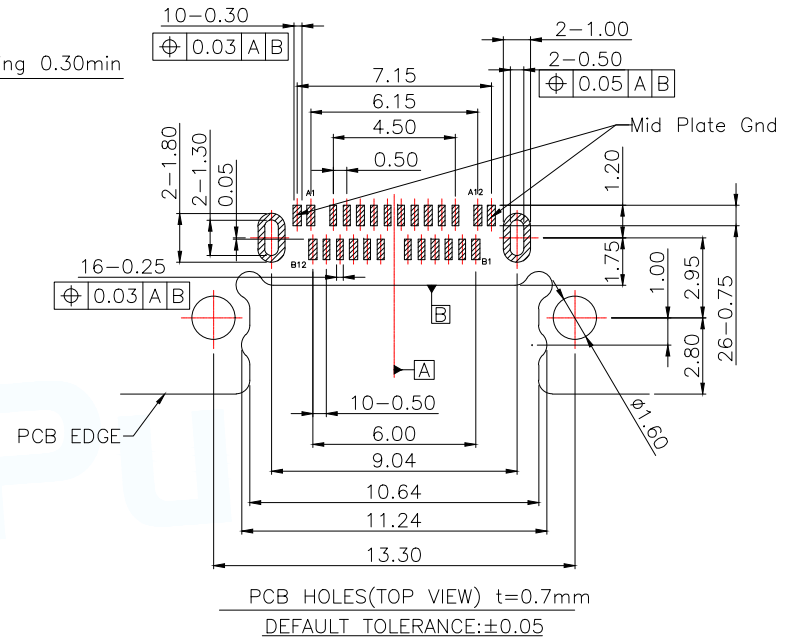
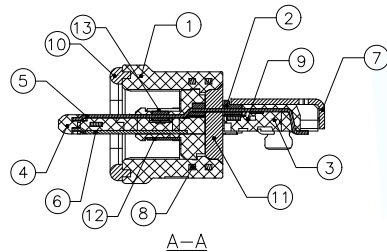
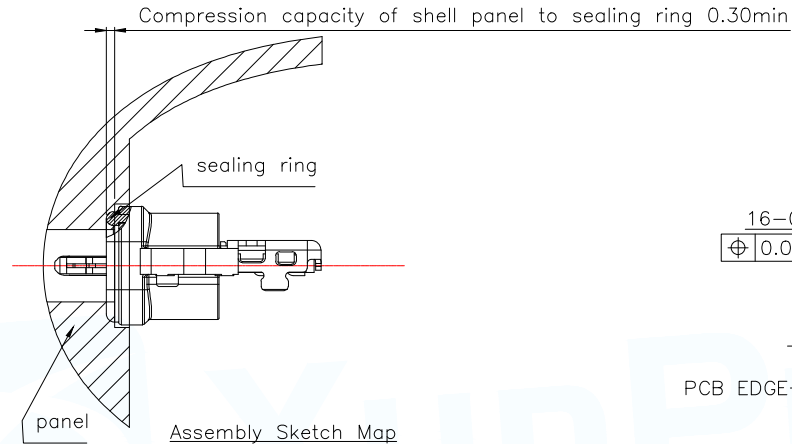
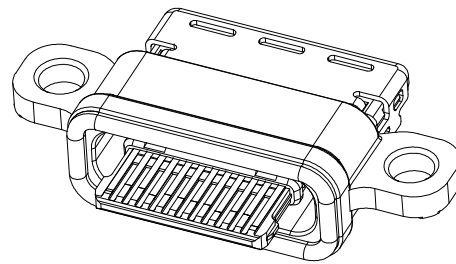
OPERATING TEMPERATURE: -40°C~+85°C.

5.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

6.WATERPROOF LEVEL:IPX7

MANUFACTURE DWG		 东莞市讯普电子科技有限公司 DongGuan XunPu Electronics Co.,Ltd	
UNLESS OTHERWISE SPECIFIED TOLERANCES			TITLE:USB TYPE C 24PIN REC CH=0.37 EMI TYPE
			PAR TYPEC-343-ARP24X7
DECIMALS:	ANGLES:		DWN
.X:±0.30	.X':±10'		CHKD
.XX:±0.20	.X':±8'	APVD	SCALE1:1 UNIT:MM
.XXX:±0.10	.XX':±5'	CUSTOMER COPY	SIZE:A4 SHEET:1F1 REV:A



13	EMI Terminal-2	1pcs	STAINLESS STEEL SUS304-1/2H T=0.10mm	CLEAN
12	EMI Terminal-1	1pcs	STAINLESS STEEL SUS304-1/2H T=0.10mm	CLEAN
11	GLUE	1pcs	EPOXY	BLACK COLOR
10	Waterproof ring	1pcs	UV Glue	N/A
9	GROUND PLATE	1pcs	STAINLESS STEEL SUS304-H T=0.15mm	SOLDER AREA:1.25um Ni Min.(LAYER 1)
8	IM SHELL	1pcs	STAINLESS STEEL SUS304-H T=0.20mm	CLEAN
7	SUB SHELL	1pcs	STAINLESS STEEL SUS316L T=0.20mm	All over 1.25um Ni Min.(LAYER 1)
6	BOTTOM CONTACT	1set	C18400 R540 T=0.12mm	Min 0.76*um Au on exposed contact area of mating side and Min 0.076*um Au all over of contact including side and bottom side(LAYER 2),All over 1.25um Ni Min.(LAYER 1)
5	TOP CONTACT	1set	C18400 R540 T=0.12mm	
4	INSERT MOLD 3RD	1pcs	DSM PA46 HFX33S	UL94V-0 / BLACK
3	INSERT MOLD 2ND	1pcs	DSM PA46 HFX33S	UL94V-0 / BLACK
2	INSERT MOLD 1ST	1pcs	DSM PA46 HFX33S	UL94V-0 / BLACK
1	HSG IM SHELL	1pcs	NYLON PA10T VICNYL R6036NH	UL94V-0 / BLACK
ITEM	NAME	Q'TY	MATERIAL	FINISH

PIN ASSIGNMENTS:

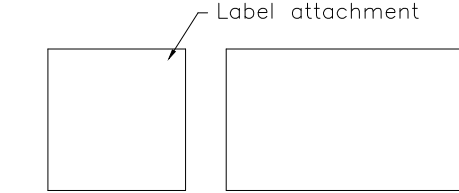
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

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.XXX:±0.10	.XX':±5°	APVD	SCALE:1:1 UNIT:MM
CUSTOMER COPY		SIZE:A4	SHEET:1F1
			REV:A

□ Packing Notes:

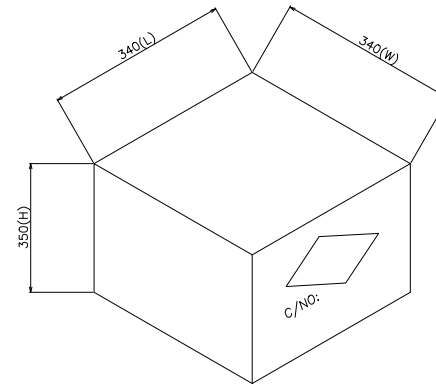
1. Reel : 850pcs/ Reel.
2. Carton : 8500pcs/ 10 Reel/ Carton.

- 1) Seal the cartons with tape
- 2) Attach the label to the side of the carton



REMARK:

- 1) If there are empty boxes, they must be filled with cushioning material;
- 2) Handle with care during handling;
- 3) During transportation, it is not allowed to stack too much and there should be no heavy pressure;
- 4) The upper belt must be flat when sticking the lower tape, and there should be no bubble at the adhesive position.



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.XX:±0.20	.X':±8°		
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CUSTOMER COPY			

