



- NOIES:
- ELECTRICAL CHARACTERISTICS:
    - CONTACT CURRENT RATING: 5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
    - CONTACT RESISTANCE: 30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS. 40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.
    - DIELECTRIC WITHSTANDING VOLTAGE: 100 VRMS AC MIN.
    - INSULATION RESISTANCE: 100 MEGOHMS MIN.
  - MECHANICAL CHARACTERISTICS:
    - CONNECTOR INSERTION FORCE: 5~20N. AT A MAXIMUM RATE OF 12.5MM PER MINUTE.
    - CONNECTOR EXTRACTION FORCE: 8~20N AT A MAXIMUM RATE OF 12.5MM PER MINUTE. 6~20N AFTER DURABILITY TEST.
    - DURABILITY: 10000 CYCLES.
    - OPERATING TEMPERATURE: -55°C TO +85°C
  - SALT SPRAY: 48 HOURS.
  - DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
  - RECOMMENED PROCESS: IR REFLOW 260°C, 3~5 SECONDS.
  - THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.
  - Mark "⊗" REFERS TO FAI INSPECTION DIMENSION
  - Mark "▲" IS THE KEY INSPECTION DIMENSION OF IPQC
  - Mark "▽" IS CPK SIZE

TABLE:

ITEM	PART NAME	Q'TY	Material&Plating
1	SUB-SHELL	1	SUS304 t=0.15, Ni PLATED 30u"
2	MAIN-SHELL	1	SUS316L t=0.20 CLEANING
3	LATCH	1	SUS301 t=0.15, Ni PLATED 30u"
4	HOUSING	1	PA9T+30%G.F, HF BLACK
5	CONTACT	24	C7025 t=0.12, Ni 50-150u" UNDER PLATED OVER. 30u"Au PLATED ON THE CONTACT AREA, 3-8u"Au PLATED ON THE SOLDER TAILS.
6	Waterproof glue	1	Silicone black(assembly); Pull force 50g

X. ±0.50	X° ±2°	UNITS mm	<b>东莞市溪榜电子有限公司</b> DONG GUAN XI BANG ELECTRONICS CO., LTD
.X ±0.30	.X° ± 1°		
.XX ±0.10	.XX° ± 0.5°	MAT'L	PART NO. XB-USB-C-24P-3003-24P-IPX7
.XXX ± 0.05			TITLE: TYPE C 24Pin SMT Type
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		Q'TY	CHKD: MARK HE. LONG. FEI
			DR: JANE CHOU 2018/09/26
			DWG NO.: XB-USB-C-24P-3003-24P-IPX7
			SCALE SHEET REV. 1/1 2/2 A2

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