

NOTE:

1.MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94V-0;

1.2 CONTACT: COPPER ALLOY

1.3 SHELL: STAINLESS STEEL

2.ELECTRICAL CHARACTERISTICS;

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 30mΩ CHANGE AFTER TEST.
MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

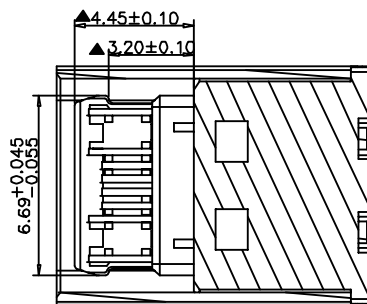
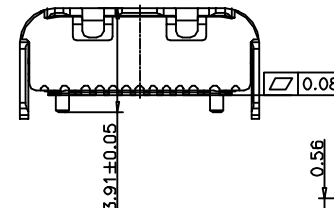
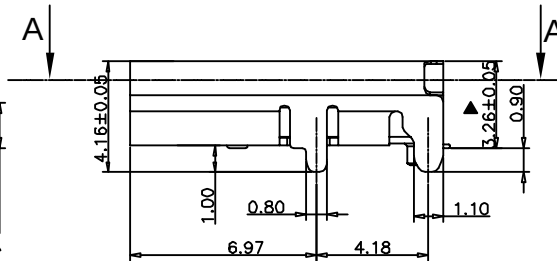
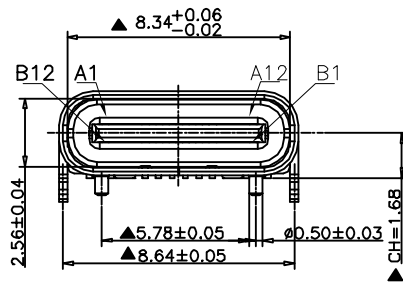
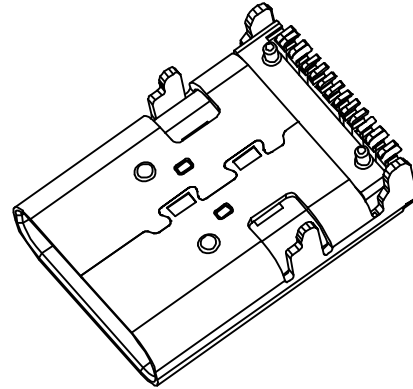
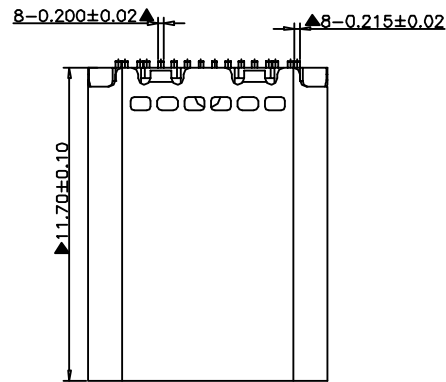
4.PLATING

4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL
AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA

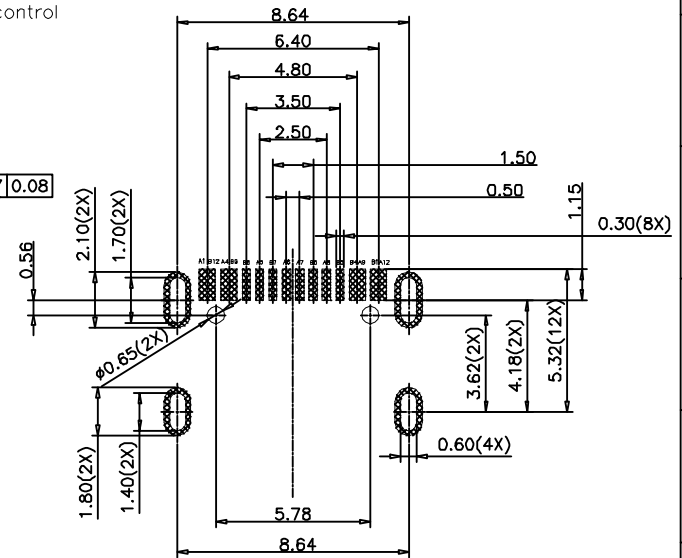
4.2 SHELL: 50u" Min. NICKEL ALL OVER,

5.TID 5719

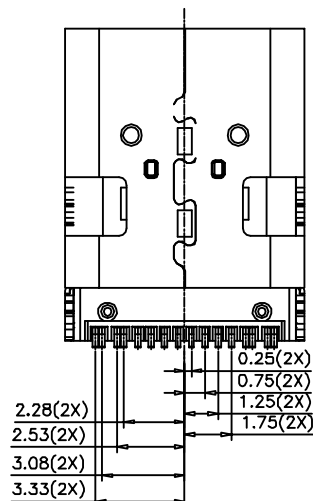
6. "▲" Focus on size control



截面A-A



RECOMMENDED P.C.B LAYOUT



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



深圳市万骏达电子有限公司

<http://www.wanjunda.com>

品名 (ITEM NO)

TYPE C 板上单排16PIN L=11.7MM无弹片

料号 (PART NO)

TPC-16P-WT-11.7

模号 (MODEL NO)

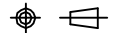
图号 (DWG NO)

单位 (UNIT): MM

版本 (REV)

比例 (SCALE) 1:1

日期 (DATE)



设计 (DESIGN)

审核 (CHECKED)

核准 (APPROVED)

未注公差
TOLERANCE UNSPECIFIED

X..X	±0.30
X..XX	±0.20
X..XXX	±0.10
X"	±5°
X.X"	±2°