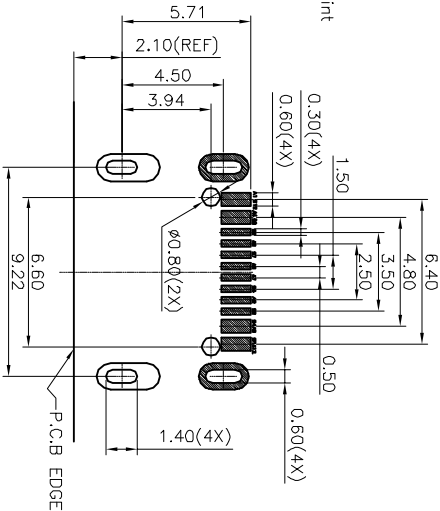
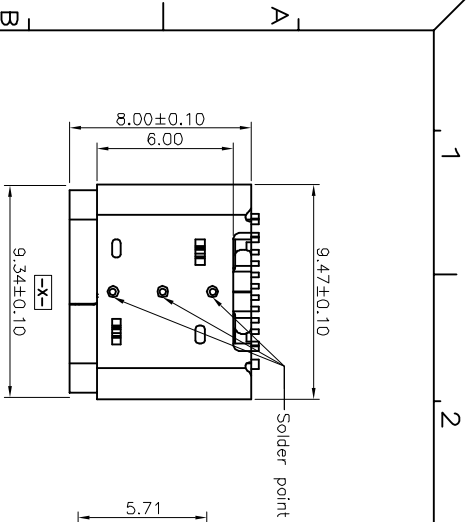


NOTES:

1. MATERIAL SPECIFICATION:

1. HOUSING/MOLDING: LCP+30% G/F & PA9T.
UL94 V-0. BLACK.

2. CONTACTS:

3. C2680R-H & C7025 TM04.T=0.25mm.
3. MID PLATE: SUS 301R-H. T=0.15mm.
4. INSIDE SHELL: SUS 304R-1/4H.T=0.30mm.
5. OUTSIDE SUS 304R-1/4H.T=0.25mm.

2.PLATING SPECIFICATION:

1. CONTACTS:

NI 50μ" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL
AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N).

GOLD FLASH PLATING ON SOLDER AREA.

2. INSIDE SHELL OR OUTSIDE SHELL:

NI 30μ" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE:

1. INSERTION FORCE: 5~20N.

2. REMOVAL FORCE: 8~20N.

3. DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE:

1. CURRENT RATING: 5A.

2. VOLTAGE RATING: 20V.

3. INSULATION RESISTANCE: 100MΩ MIN.

4. DIELECTRIC WITHSTAND VOLTAGE:

AC 100V FOR 1 MINUTE.

5. LOW CONTACT RESISTANCE: INITIAL 40MΩ.

5. ENVIRONMENTAL PERFORMANCE:

1. OPERATING TEMPERATURE: -30℃~+80℃.

2. THE PEAK TEMPERATURE ON THE BOARD SHALL BE

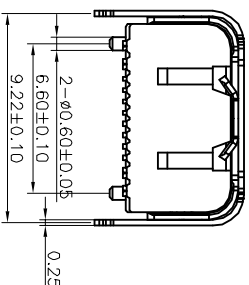
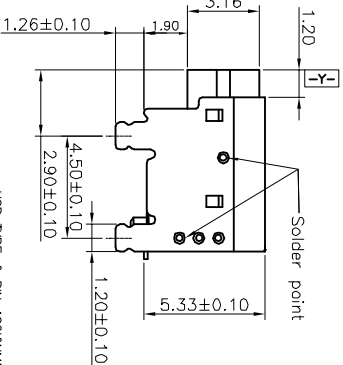
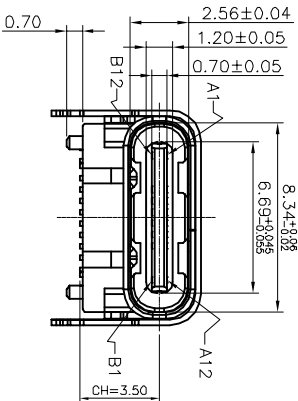
MAINTAINED FOR 10 SECONDS AT 260℃.

10. MARK"▲"AS THE FIRST PIECE

FOCUS ON SIZE INSPECTION.

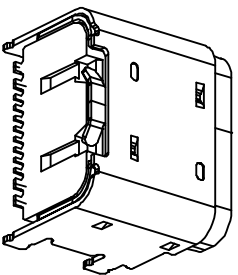
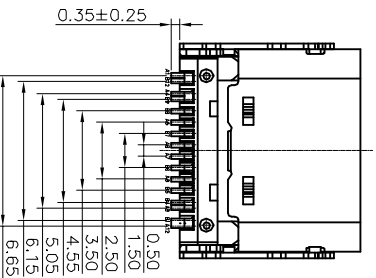
11. MARK"⊗"AS THE FAI DIMENSION NUMBER.

12. MARK"⊞"AS CPK DIMENSION NUMBER.



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBUS2
A6	DP1	B7	DP2
A7	DM1	B6	CC2
A8	SBUS1	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

图号 (DWG NO)
版本 (REV)
日期 (DATE)
设计 (DESIGN)
审核 (CHECKED)
核准 (APPROVED)

品名 (ITEM NO)
料号 (PART NO)
模号 (MODEL NO)

比例 (SCALE) 1:1
公差 (TOLERANCE) UNSELECTED
X.XX ±0.15
X.XXX ±0.10
X.XX ±0.10

TPC-16P-DG-1.9

模号 (MODEL NO)

核准 (APPROVED)

单位 (UNIT): MM