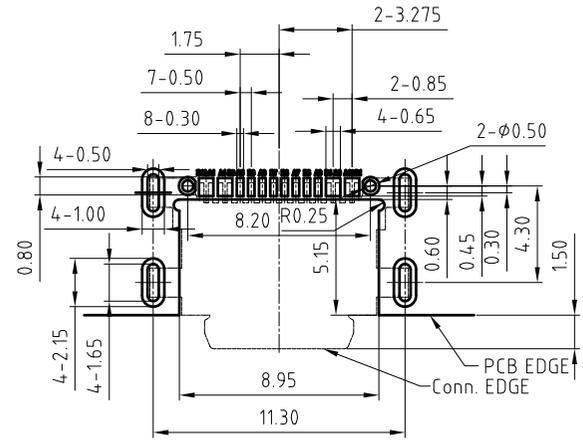
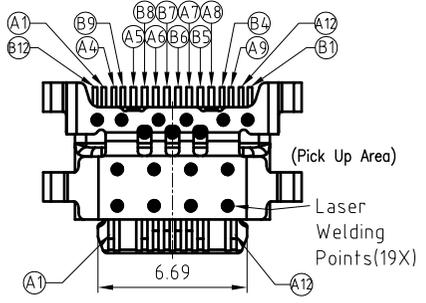
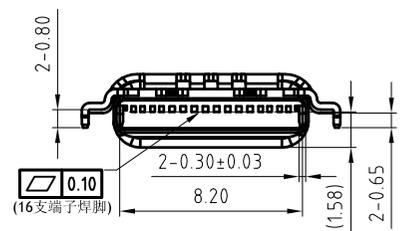
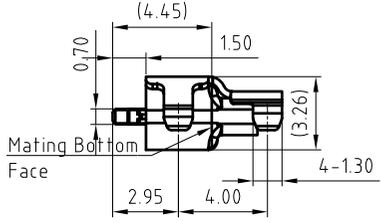
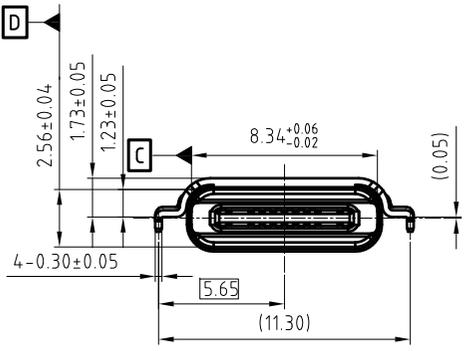


THE PART MEETS TECONN "GPO01" COMPLIANCE NEW REV.

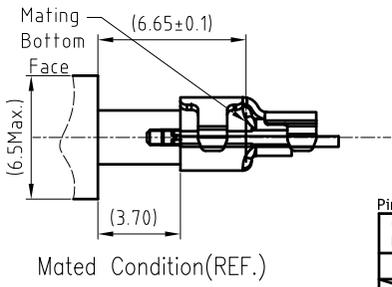
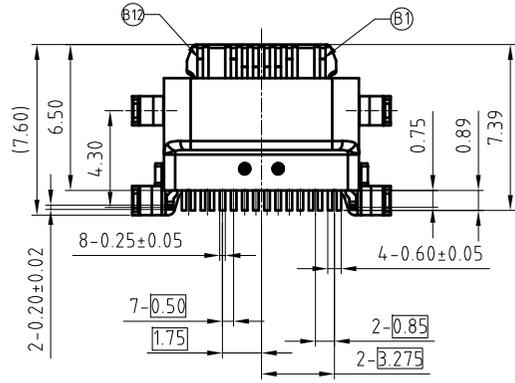
RoHS2.0&HF Compliant



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05
(建议使用刷Sn钢板厚度0.12mm)



- NOTES:
- MATERIAL SPECIFICATION:
 - 1-1.HOUSING:High-Temp Plastics,UL94V-0,Color:Black.
 - 1-2.CONTACTS:Copper Alloy T=0.25mm.
 - 1-3.OUTER SHELL:Stainless Steel,T=0.30mm.
 - 1-4.INNER SHELL:Stainless Steel,T=0.20mm.
 - 1-5.MID-PLATE:Stainless Steel,T=0.20mm.
 - 1-6.SOLDER-PLATE:Stainless Steel,T=0.10mm.
 - PLATING SPECIFICATION:
 - 2-1.CONTACTS:
 - Ni UNDERPLATED OVER ALL;
 - Gold Plated On Contact Area;
 - Gold Flash Plated On Solder Area.
 - 2-2.SHELL:
 - Ni UNDERPLATED OVER ALL;
 - Gold Flash Plated ON Solder Leg.
 - RoHS AND HF COMPLIANT.
 - MECHANICAL PERFORMANCE:
 - 4-1.MATING FORCE:6~20N(Initial);5~20N(After)
 - 4-2.UNMATING FORCE:8~20N(Initial);6~20N(After)
 - 4-3.DURABILITY:10000 CYCLES.
 - ELECTRICAL PERFORMANCE:
 - 5-1.CURRENT RATING:3.0A;VOLTAGE RATING:5.0V
 - 5-2.LLCR:
 - VBUS & GND PINS:40mΩ/PIN MAX.;
 - OTHERS PINS:40mΩ/PIN MAX.;
 - LLCR MAX. CHANGE OF ALL PINS:10mΩ.
 - 5-3.INSULATION RESISTANCE:100MΩ MIN.
 - 5-4.DIELECTRIC WITHSTANDING VOLTAGE:
 - 100V AC FOR 1 MINUTE.
 - ENVIROMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE:-20℃~+85℃.
 - RECOMMENDED PROCESS:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL MAINTAIN 10±1 SECONDS AT 260±5℃.
 - Waterproofing Grade: IPX4



PART NO:
W10 16 Q7-B-01-R

Pin No: Packing:
Flow No: R:Reel
Plating:
01:Au G/F

Contact Number	Signal Name	Contact 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

X. ± 0.35	APPD: Lebon Lee
.X ± 0.25	CHKD: /
.XX ± 0.15	DR: Zhangjing
.XXX±	
X' ± 2'	
X' ± 1.5'	

TITLE: USB Type-C 母 16pin 防水型(IPX4)	
PART NO: W1016Q7-B-01-R	
DWG NO: C-W1016Q7-B-01-R	CUSTOMER DRAWING
UNITS: mm	SCALE: 1:1
SHEET:1 OF 1	
REV: A	

REV	ECN NO	DESCRIPTION	DESIGN	DATE
A	TE2020-0048	New Drawing	Zhangjing	2020/02/25