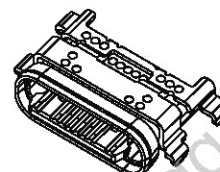


半成品3D



成品3D

1.ELECTRICAL CHARACTERISTICS;
1.1 CONTACT CURRENT RATING:3A
1.2 CONTACT RATED VOLTGE:5VDC;
1.3 CONTACT RESISTANCE;
INITIAL: 40mohm Max. AFTER:
 $\Delta < 10\text{mohm}$

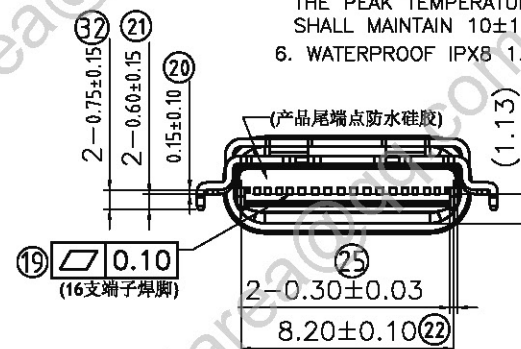
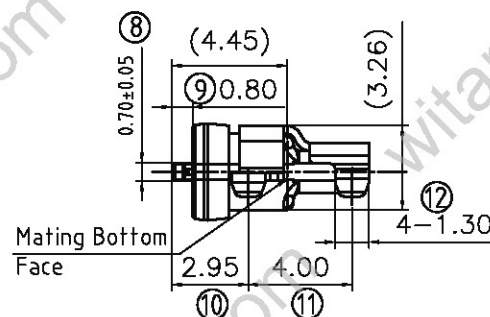
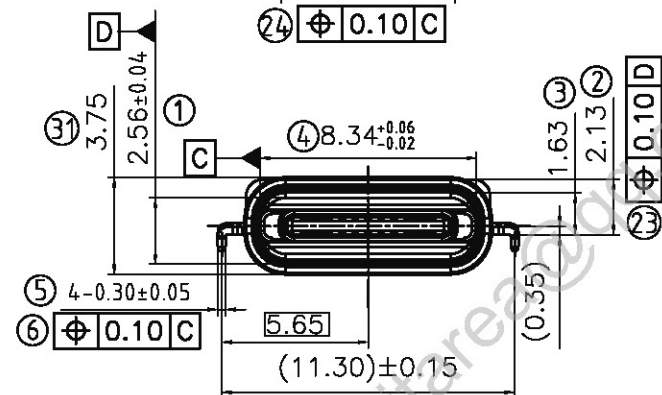
- 1.4 INSULATION RESISTANCE:100Mohm Min;
- 1.5 WITHSTANDING STRENGTH:100V AC FOR 1 MINUTE;
- 2. MECHANICAL CHARACTERISTICS;
- 2.1 INSERTION FORCE:INITIAL 6-20N ; AFTER 5-20N;
- 2.2 EXTRACTION FORCE:INITIAL 8-20N; AFTER 6-20N;
- 2.3 DURABILITY:10000 CYCLES

3. RoHS OR HF COMPLIANT

4.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE:-20℃~+85℃

5. RECOMMENDED PROCESS:
THE PEAK TEMPERATURE ON THE BOARD
SHALL MAINTAIN 10 ± 1 SECONDS AT $260 \pm 5^\circ\text{C}$.

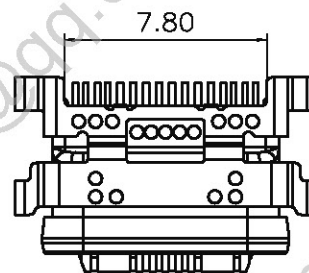
6. WATERPROOF IPX8 1.5M 30MIN)



H	LIM	1	SILICONE	UL94V-0,BLACK	
G	GLUE	1	SILICONE	UL94V-0	
F	OUTER SHELL	1	Stainless Steel,T=0.30	OVER ALL:50u"Min Ni UNDERPLATED SOLDER TAIL:G/F Au PLATED	
E	INNER SHELL	1	Stainless Steel,T=0.20	CLEAN	
D	SOLDER-PLATE	1	Stainless Steel,T=0.10	CLEAN	
C	HOUSING	1	High-Temp Plastics	UL94V-0,Color:Black.	
B	MID-PLATE	1	Stainless Steel,T=0.20	OVER ALL:50u"Min Ni PLATED	
A	CONTACTS	16	Copper Alloy T=0.25mm	CONTACT AREA: 3u"Au Min SOLDER TAIL: G/Fau OVER ALL: 50u"Ni UNDERPLATED	
Q	ITEM	NAME	Q'TY	MATERIAL	FINISH

W0028-16-MM1-W5	Au 3u"	A	CONTACTS	16	Copper Alloy T=0.25mm	CONTACT AREA: 3u"Au Min SOLDER TAIL: G/FAu OVER ALL: 50u"Ni UNDERPLATED
PART NO.	Contact Area Plating	ITEM	NAME	Q'TY	MATERIAC	FINISH

Technical drawing of a 16-pin connector. The drawing shows a top view of the connector with dimensions and callouts. The overall width is 9.54 (30). The overall height is 7.60 (27). The distance from the top edge to the center of the pins is 4.30 (28). The distance from the center of the pins to the bottom edge is 2-0.20±0.02. The distance from the center of the pins to the right edge is 6.50 (13). The distance from the center of the pins to the left edge is 0.75 (29). The distance from the center of the pins to the bottom edge is 0.89 (16). The distance from the center of the pins to the left edge is 1.75 (15). The distance from the center of the pins to the right edge is 2-0.85 (18). The distance from the center of the pins to the left edge is 7-0.50 (14). The distance from the center of the pins to the right edge is 2-0.60±0.05 (17). The distance from the center of the pins to the left edge is 0.10 C (15). The distance from the center of the pins to the right edge is 0.10 C (18). The distance from the center of the pins to the left edge is 8-0.25±0.05 (14). The distance from the center of the pins to the right edge is 4-0.60±0.05 (17).



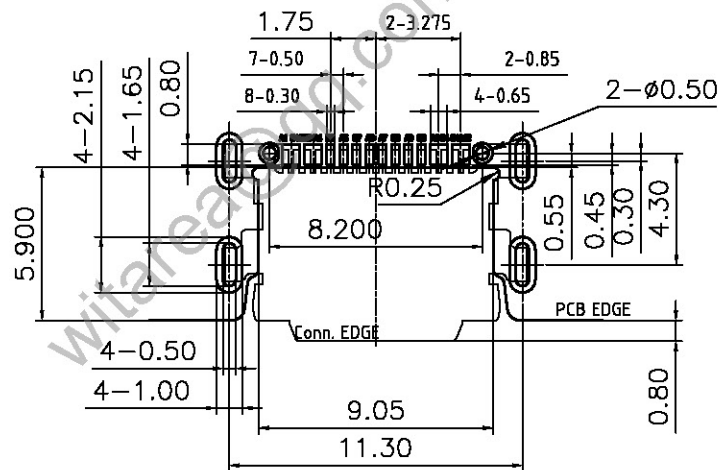
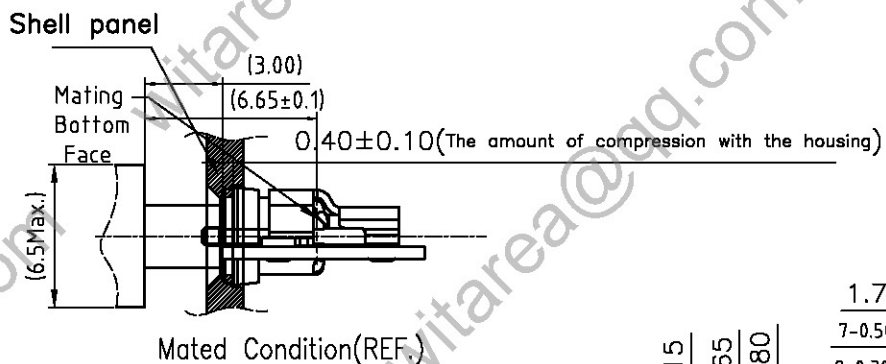
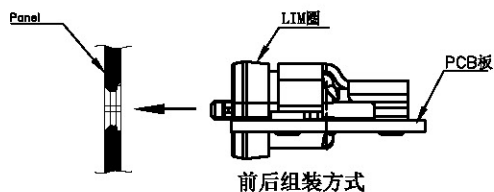
APPROVED BY JASON ZENG	DATE 2022.11.01
 THIRD ANGLE PROJECT	

 THIRD ANGLE
PROJECTION

frame size: A4



建议密封方式
Recommended sealing method



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05
STENCIL THICKNESS:0.12mm

Pin Assignments

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

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ± ---
0	X.XXX ± 0.10
0	X.XX ± 0.15
0	X.X ± 0.20
0	ANGULAR ± ---°

深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD	
TITLE TYPE C 2.0 16PIN RECEPTACLE ,MID-MOUNT, SINGLE ROW SMT, EXPOSEDTONGUE,CH=0.35MM,L=7.6MM, IP68 WATERPROOF	
DWGNO. W0026-16-MM1-W5	SHEET NOL 2 OF 2
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
SCALE 1:1	

DRAWN BY ANDY YANG	DATE 2022.11.01
CHECKED BY JAMES XIAD	DATE 2022.11.01
APPROVED BY JASON ZENG	DATE 2022.11.01
THIRD ANGLE PROJECTION	