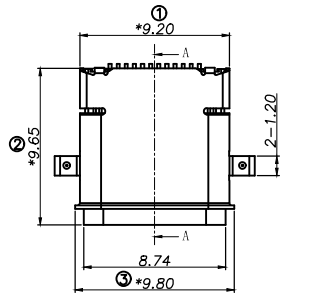
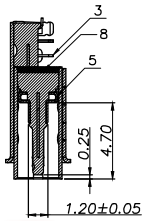
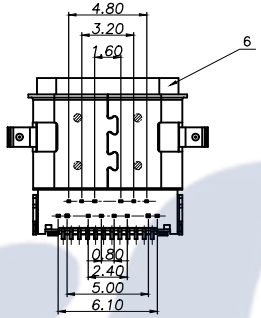
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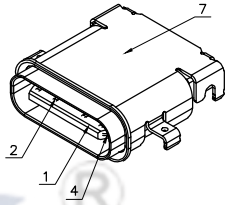
邮箱：hooya89@hooya.hk
电话：0769-82310511-867

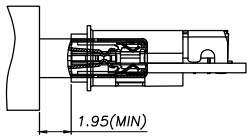
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IP-X7

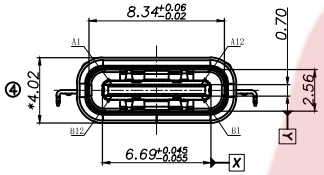


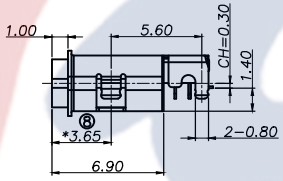


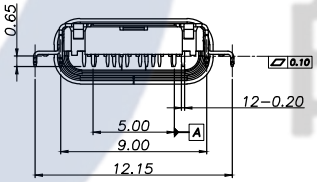




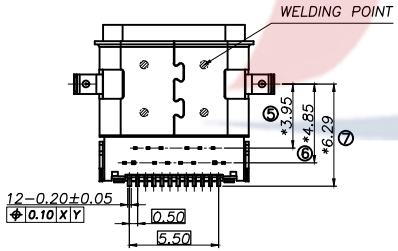


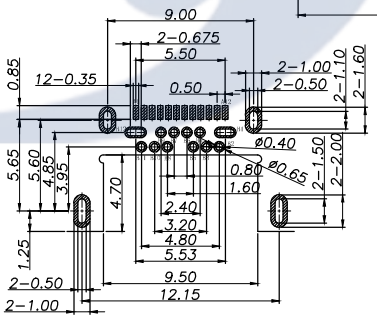




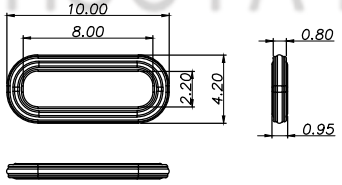


Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V_{BUS}	First	B9	V_{BUS}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V_{BUS}	First	B4	V_{BUS}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND





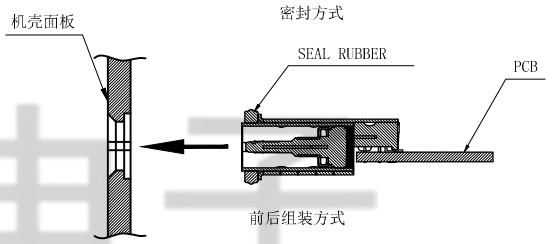
RECOMMENDED P.C.B LAYOUT(Both sides are sample)
Tolerance:±0.05,Thickness=0.60mm



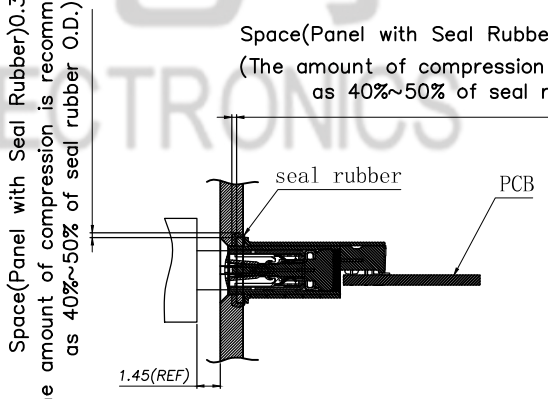
Seal Rubber For Reference

SPECIFICATION

1.Rating ：20V DC/AC
Vbus电流5A最大，GND电流5A最大，其他PIN 0.25A最大.
2.Contact resistance：≤50mΩ.
3.Insulation resistance：≥100MΩ (DC100V).
4.Withstanding voltage：100VAC .
5.INSERTION FORCE:5-20N/ REMOVAL FORCE: 8-20N
6.life test：10000 cycles.
7.Operation temperature range:-25℃~85℃.
8.Sign"* "is importance dimension.



Space(Panel with Seal Rubber)0.30Min
(The amount of compression is recommende as 40%~50% of seal rubber O.D.)



Recommended Assembly

NO.	PART NAME	MATERIAL	QTY	FINISHING
9	WATERPROOF RING	RUBBER	1	BLACK
8	GLUE WATER	EPOXY	1	BLACK
7	SHELL-2	SUS	1	Ni-PLATED
6	SHELL-1	SUS	1	Ni-PLATED
5	GND PLATE	SUS	1	Ni-PLATED
4	MID PLATE	SUS	1	
3	TERMINAL-B	CORSON ALLOY	12	Au-PLATED
2	TERMINAL-A	CORSON ALLOY	12	Au-PLATED
1	HOUSING	LCP	1	BLACK

TOLERANCE UNLESS SPECIFIED
<1.5: ±0.1mm
>1.5~5.0: ±0.25mm
>5.0: ±0.3mm
ANGULAR ±1°

NO	DATE	REVISIONS	BY	APPD
NO	2026.04.20	首次发行	LP	

TITLE: USB JACK
UNIT : MM
ROHS COMPLIANT
MODEL: USB-306FS-B-SU-003
SCALE: 1:1
DWN
CHK'D
APPD
PRO.AGL:
REV :A0

DONGGUANG HAOYU ELECTRONICS CO., LTD
皓宇 HOOYA 东莞市弘皓电子有限公司