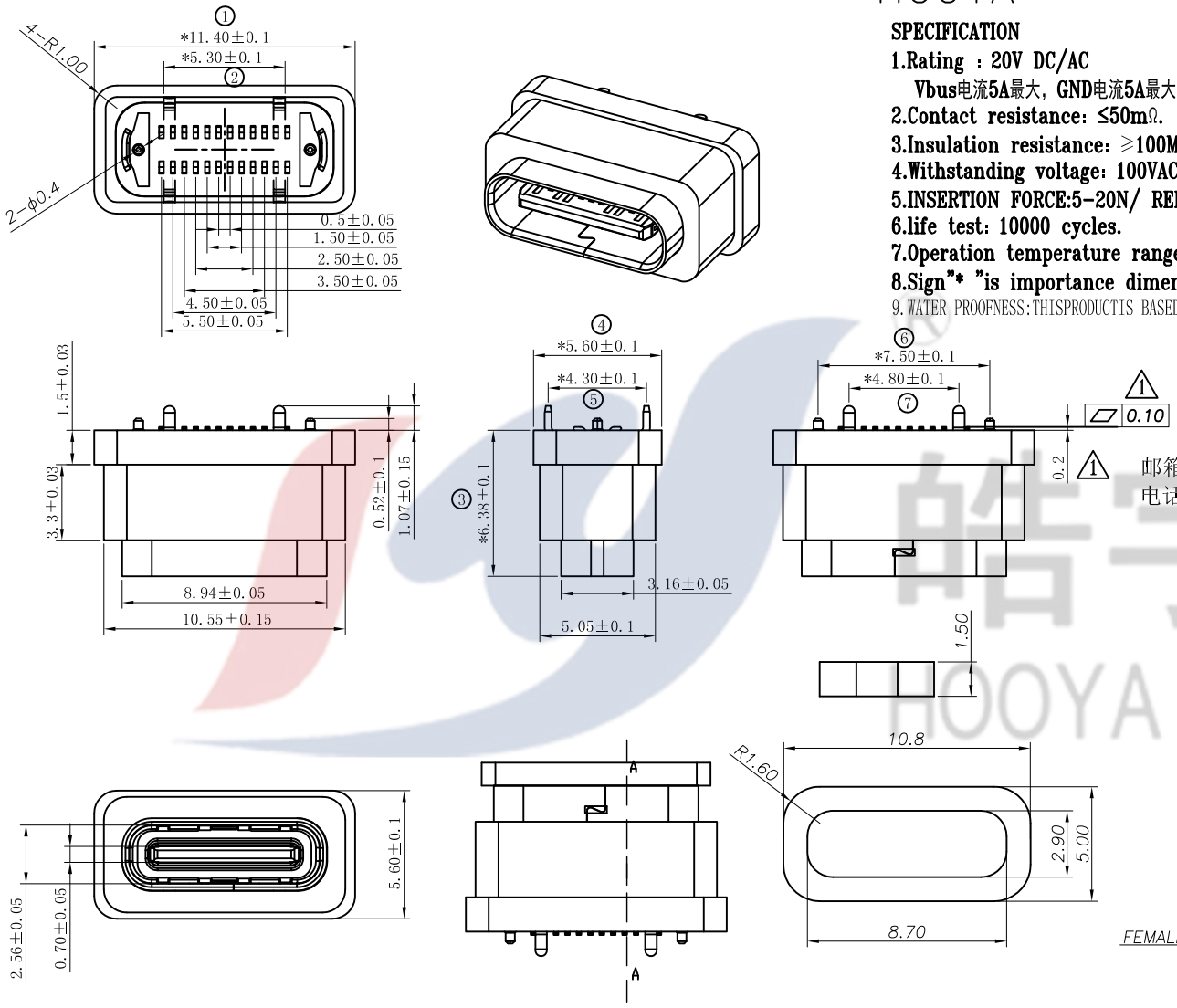
HOOYA



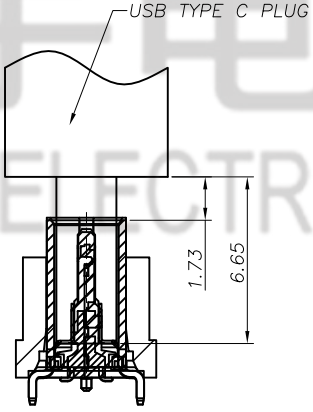
SPECIFICATION

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:-40℃~85℃.
8.Sign"* "is importance dimension.
9.WATER PROOFNESS:THISPRODUCTIS BASED ON IP 67.

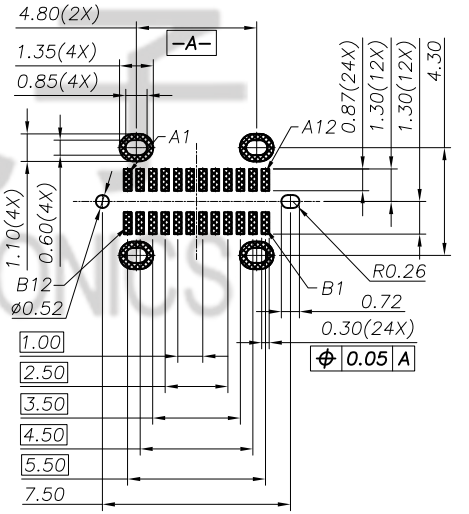
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

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FEMALE AND MALE MATCHING DRAWING



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

NO.	PART NAME	MATERIAL	QTY	FINISHING
5	PLASTIC SHELL	PA	1	
4	FRONT SHELL	SUS	1	Ni-PLATED
3	MID PLATE	SUS	1	
2	TERMINAL	COPPER ALLOY	24	Au-PLATED
1	HOUSING	LCP(UL94V-0)	1	

NO	DATE	REVISIONS	BY	APPD
A1	2026.10.23	1 增加引脚尺寸. 平面度		
A0	2026.05.22	首次发行	LP	

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

TITLE: USB JACK
MODEL:USB-307FSH-B-SU-003
UNIT : MM
SCALE: 1:1
ROHS COMPLIANT

DWN
CHK'D
APPD
PRO.AGL:
REV :A1

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