

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.05.06	阿树

Notes:

1.Material:

Contacts: Phosphor Bronze

Insulator/Plug: SEE TABLE+30% G.F. UL 94V-0,
Shell: SEE TABLE

2.Mechanical:

Mating: 35N max(SPCC SHELL REF).

Withdrawal Force: 10N min(SPCC SHELL REF).

Durability: 1500 cycles min(SPCC SHELL REF).

3.Electrical:

Current-max[amps]: 1.5A

Voltage-max[volts]: 30V

Withstanding Voltage: 500V AC

Contact Resistance [ohms]: 30 milliohms max

Insulation Resistance [ohms]: 1000 Megohms min

4.Plating:

Contacts: Gold plated on contact area,

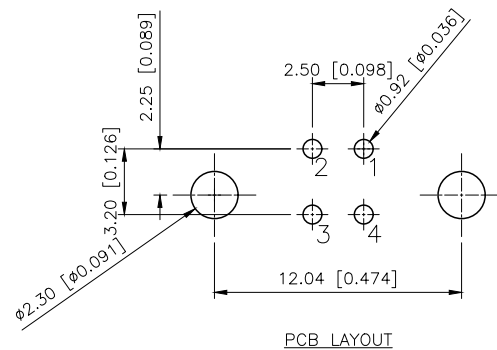
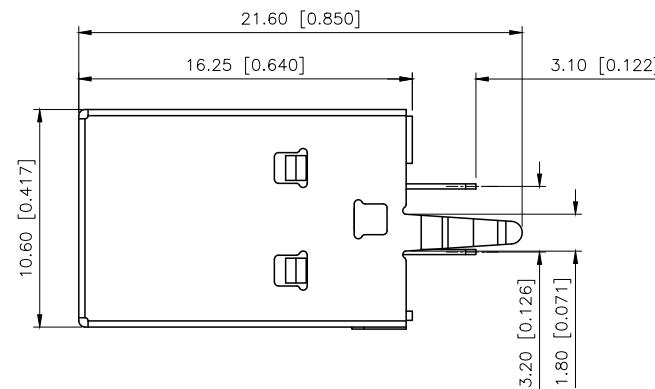
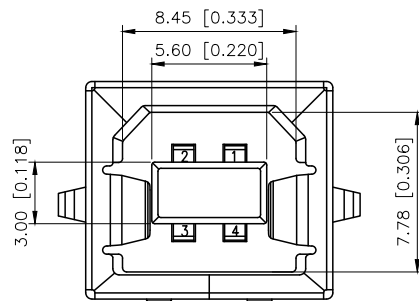
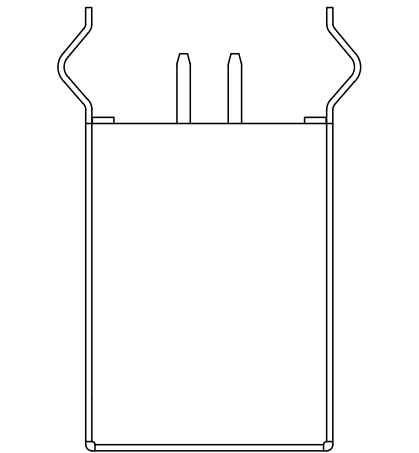
Tin 100u Min plated on solder area,

Nickel 50u Min plated over all

Shell: Nickel 80u Min over all plating

5.Environmental

Temperature Range: -55°C~+85°C



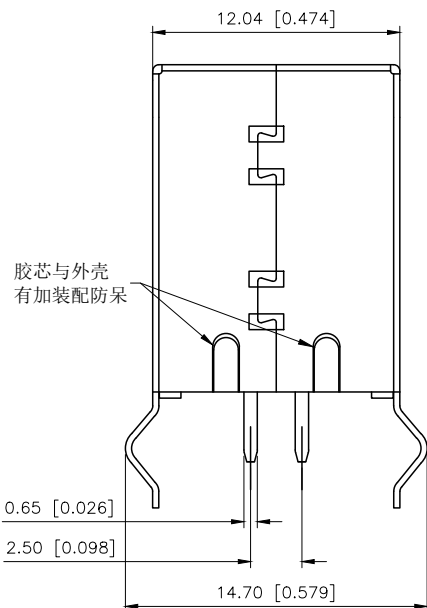
U241-04XN-2XC2-003

1:Au 1U" MIN
2:Au 15U" MIN
3:Au 30U" MIN

1:PBT
2:LCP
3:PA

1:WITH
2:WITHOUT

B:BLACK
U:BLUE
W:WHITE
C:CREAM-COLOR



AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN	阿树	VIEW:	MODEL TYPE: USB 2.0
CHECKED		UNIT: mm/in	PART NO.: U241-04XN-2XC2-003
APPROVED		SIZE: A4	DWG NO.: