

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.08.13	

NOTES:

1.Material:

1.1:Housing Material:LCP+30%G.F BLACK UL94-V0

1.2:Molding::LCP+30%G.F BLACK UL94-V0

1.3:Metallic Shell:SUS304, T=0.20±0.02mm.

1.4:SPRING:SUS301, T=0.35±0.05mm.

1.5:Contact Terminal:H65,T=0.20±0.02mm

2.Finish:

2.1 Contact Terminal:Test point:Ni 50u"/Au 1~3u" MIN.

Soldering area:Ni 50u"/Tin(PB Free) 100u" MIN.

The other area:Ni 50u" MIN.

2.2 Metallic Shell:50u" MIN.

3.Specification:

3.1:Rating:

Rated voltage:AC 100V. Rated current:1A.

3.2:Electrical:

Contact resistance:

50mΩ MAX. at 20mV MAX, 50mA.

Insulation resistance:

100MΩ MIN. at 500V DC for 1Minute.

Dielectric withstanding voltang:

No discharge,flashover or breakdown
at 500V/AC 1Minute.

3.3:MECHANICAL:

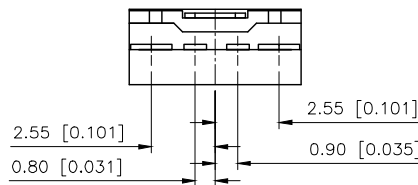
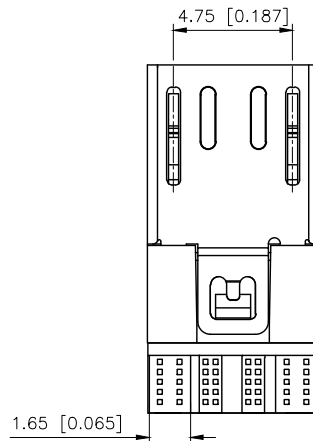
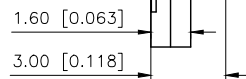
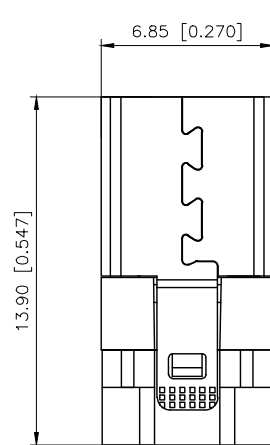
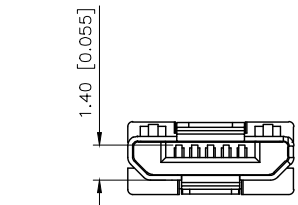
INSERTION FORCE 35N Max.

EXTRACTION FORCE 8N Min.

DURABILITY 10000 Cycles .

U251-04XN-4BSG86

1:AU 1U"



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



DESIGN		VIEW:	MODEL TYPE: USB 2.0
CHECKED		UNIT: mm/in	PART NO.: U251-04XN-4BSG86
APPROVED		SIZE: A4	DWG NO.:
		SCALE	PAGE
		N/A	1/1
		REVISION	A1