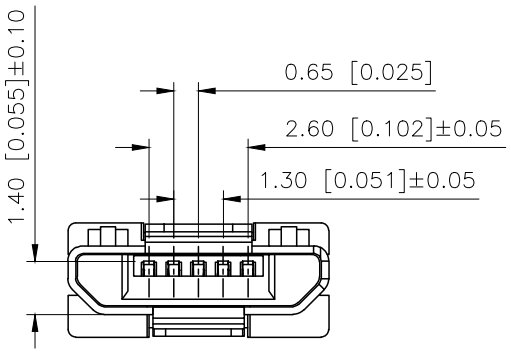
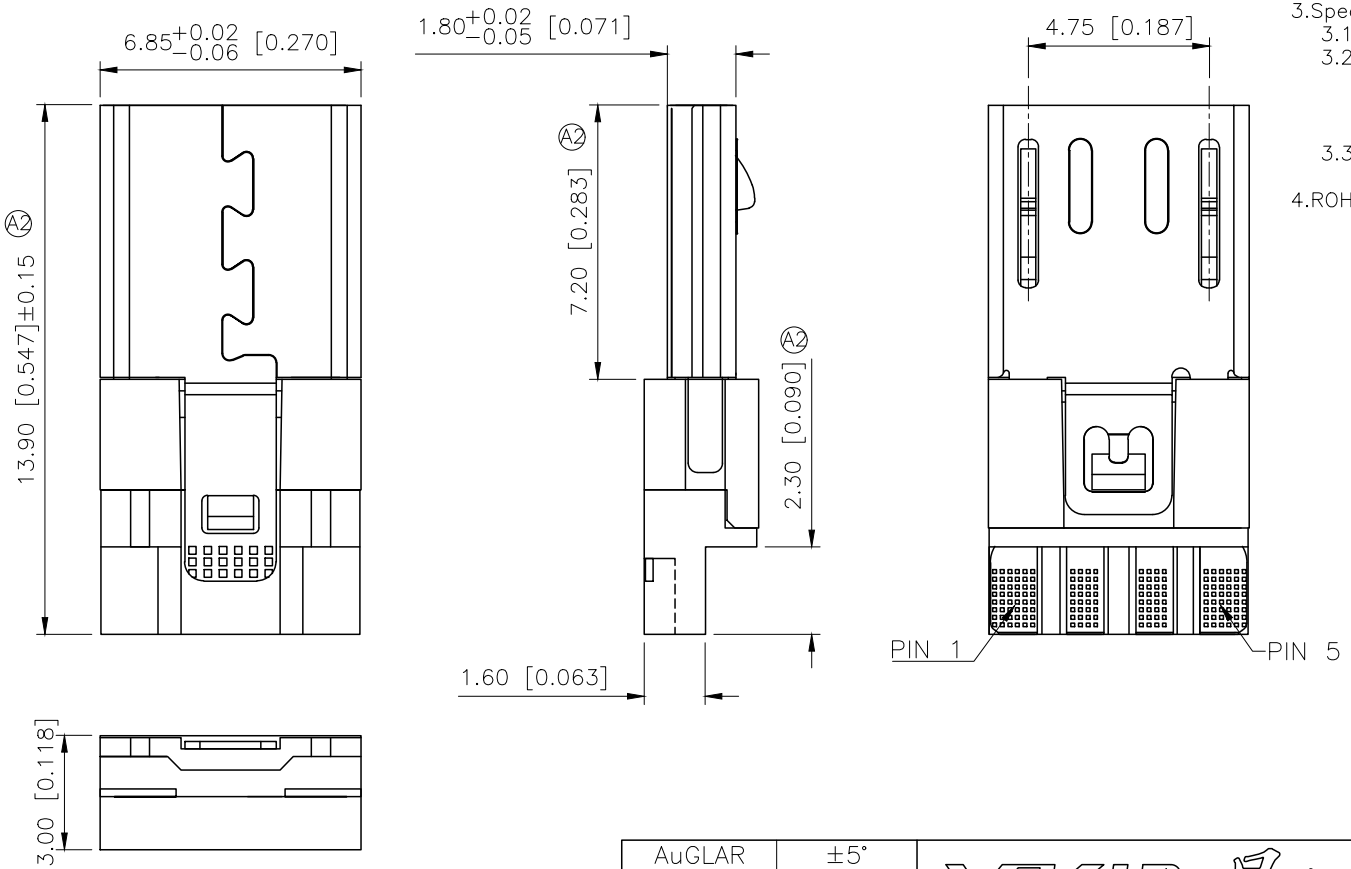
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A		图面升级整理图面	2025.03.04	阿树
A2	N/A	(A2)X3	产品外观及尺寸变更	2025.08.29	阿树





NOTES:
1.Material:
- 1.1:MOLDING:LCP
- 1.2:HOUSING:LCP
- 1.3:SHELL:SUS304, T=0.20±0.02mm.
- 1.4:LATCH:SUS201, T=0.35±0.05mm.
- 1.5:TERMINAL:C2680, T=0.20±0.02mm

2.Finish:
- 2.1 TERMINAL:Test point:Ni 50u"/Au GF.
  Soldering area:Ni 50u"/Tin(PB Free) 100u" MIN.
  The other area:Ni 50u" MIN.
- 2.2 SHELL : Ni 60u" MIN.
- 2.3 SALT SPRAY : 24H

3.Specification:
- 3.1:Rating: Rated current:2A.Rated voltage:AC 100V.
- 3.2:Electrical: Contact resistance: 30mΩ MAX. at 20mV MAX, 50mA.
  Insulation resistance: 40MΩ 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.

4.ROHS compliance: RoHS REACH

U251−041N−4BSG87

1:AU 1U"
6:AU 30U"

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

XKB Connection 星创

DESIGN	阿树	VIEW:	MODEL TYPE: USB 2.0
CHECKED		UNIT: mm/in	PART NO.: U251−041N−4BSG87
APPROVED		SIZE: A4	DWG NO.: X−U251−041N−4BSG87

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A2