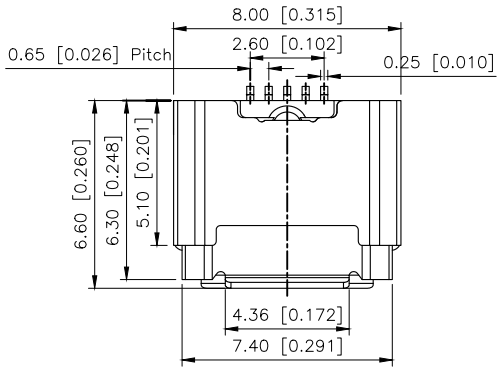
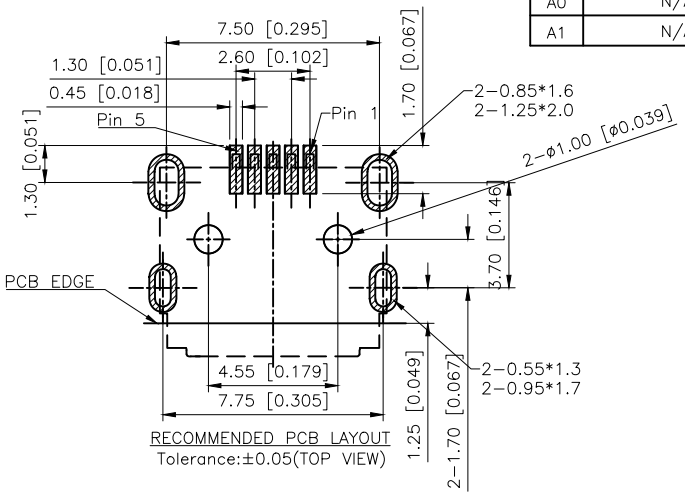
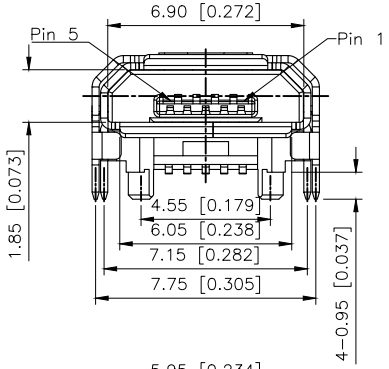
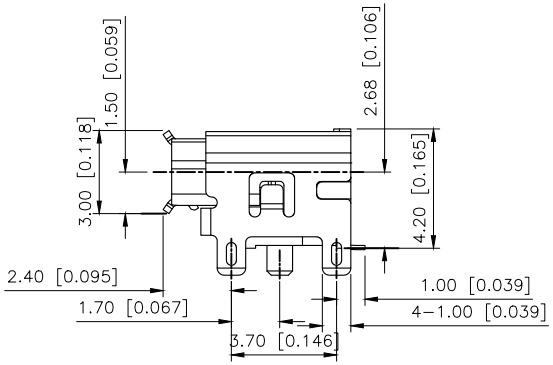
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.03.05	阿树

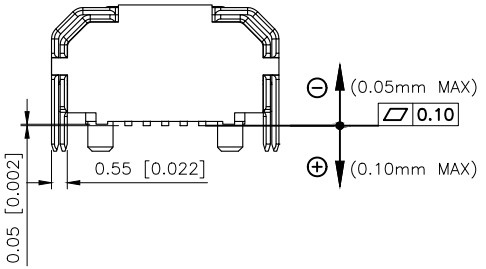


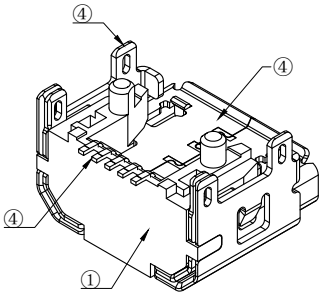


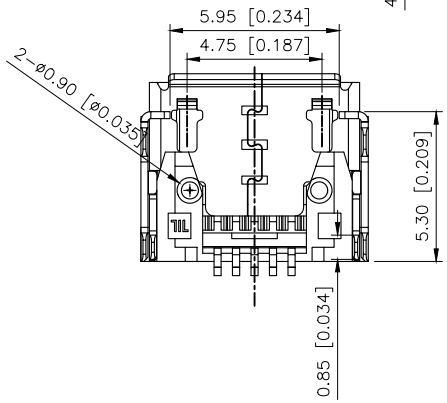
Material 材料
Housing Material 胶壳材料: LCP, UL94V-0, black
Contact Terminal 端子: Copper Alloy
Metallic Shell 外壳: Sus
Electrical 电气
Voltage Rating 额定电压: 30 V AC
Current Rating 额定电流: Signal (Pins 2,3,4): 1.0A, Power (Pins 1,5): 1.8A
Contact Resistance 接触电阻: 30mΩ Max
Insulation resistance 绝缘电阻: 1000MΩ Min
Dielectric withstanding voltage 介电耐压: 250V AC/Minute
Mechanical 机械
Durability 耐久性: 10,000 cycles
Mating Force 插入力: 35N (3.57Kgf) Max
Unmating Force 拔出力: 8N (0.82Kgf) Min.

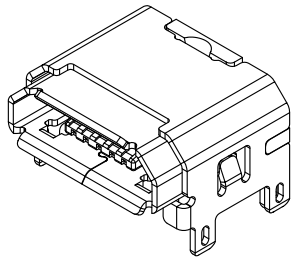












ITEM	PART NAME	TERMINAL	QTY	MATERIAL	REMARK
④	CONTACT	No.1~No.5	5	Copper Alloy T=0.15	Under plating: Ni plating Contact area: Gold flash plating Soldering area: Gold flash plating
③	SHELL	----	1	Stainless Steel T=0.25	Ni PLATED
②	COVER	----	1	Stainless Steel T=0.25	Ni PLATED
①	INSERT MOLDING	----	1	LCP(BLACK)	UL-94V-0

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: MICRO USB
CHECKED		UNIT: mm/in	PART NO.: U-D-M7DS-G-2
APPROVED		SIZE: A4	DWG NO.:

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	1/1	A1