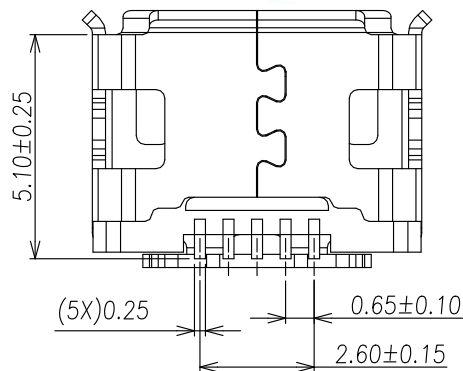
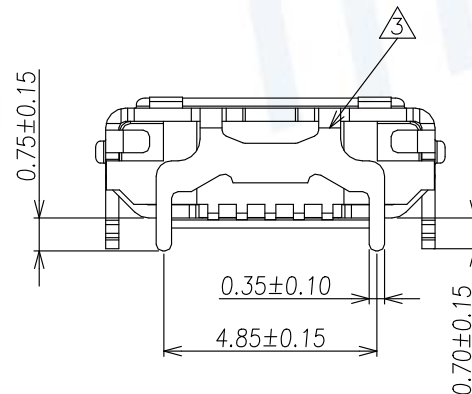
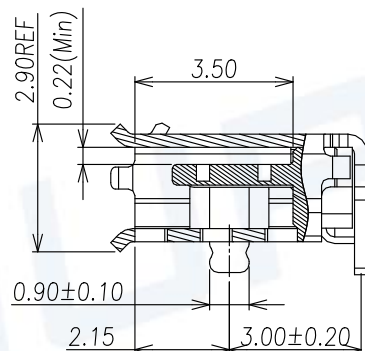
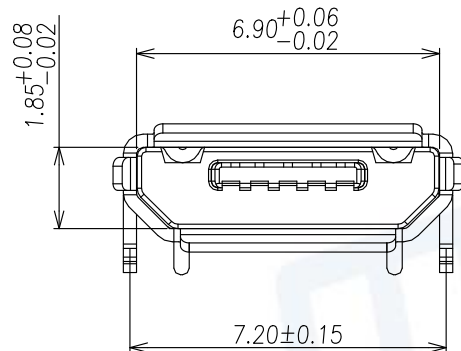
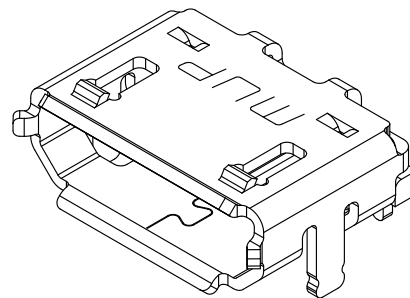
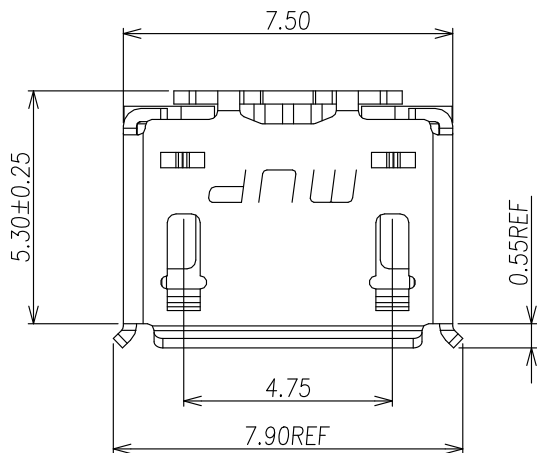
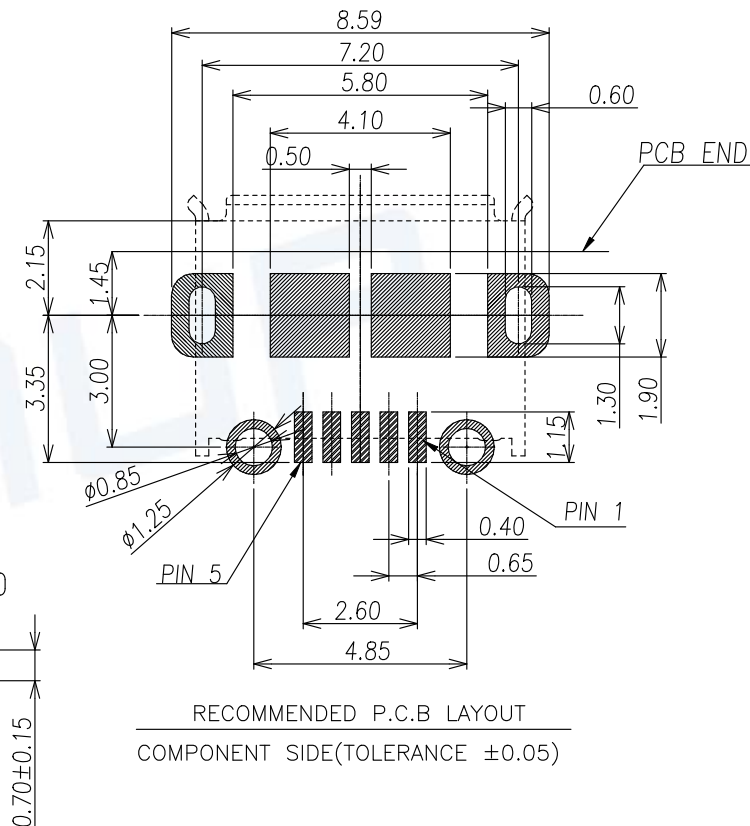




REV.	DESCRIPTION OF REVISIONS	APPR.	CHKD.	DRAW.	DATE
1	NEW			jimmy	2012/6/14
2	Original Model:U516-1			HUABO	2023/10/19
3	Modify shell			HUABO	2025/11/13



RECOMMENDED P.C.B LAYOUT
COMPONENT SIDE(TOLERANCE ±0.05)

TECHNICAL CHARACTERISTICS

1.General Characteristics

Durability:5,000 cycles min.

2.Electrical Characteristics

Contact resistance:Initial: 40mΩ Max.After
Test: 50mΩ Max.

Insulation resistance:>1000MΩ/250V DC

3.Solderability

IR reflow:250°C,5sec.Max

Manual soldering:370°C,3sec.Max

4.Environmental Characteristics

Operating temperature:-40°C~+85°C

Operating humidity:10%~+95%RH

ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	BASE	1	LCP	Black UL94V-0
2	SHELL	1	Stainless steel	Ni plated over all
3	DATA CONTACT	5	Copper Alloy	Contact area:Gold plated

Unless otherwise specified, other tolerance are:		MUP ® MUP INDUSTRIAL CO.,LTD.	
X	±0.35	X*	±5°
X.X	±0.25	X.X*	±4°
X.XX	±0.15	X.XX*	±3°
X.XXX	±0.10	X.XXX*	±2°

PROJ.	UNIT	SCALE	DRAWN	HUABO 2025/11/13	DWG NO.:
	MM	1:1	CHECKED	Zoey 2025/11/13	DWG-U5016-01-04
CUSTOMER DRAWING			APPROVAL	Simon 2025/11/13	SHEET 1/1
					REVISION 3