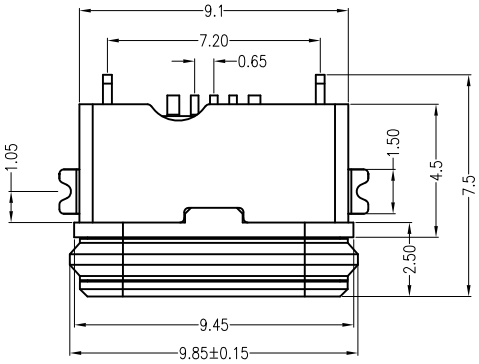
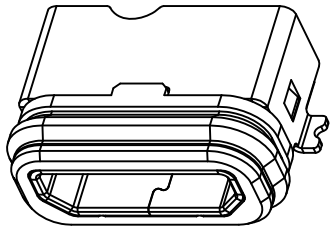
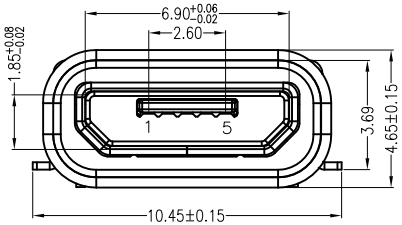
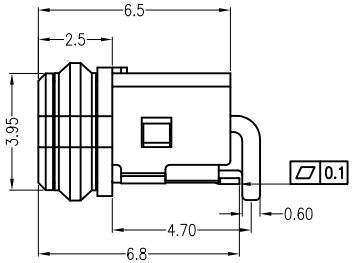
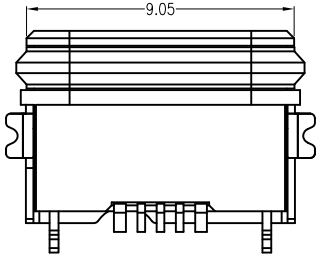


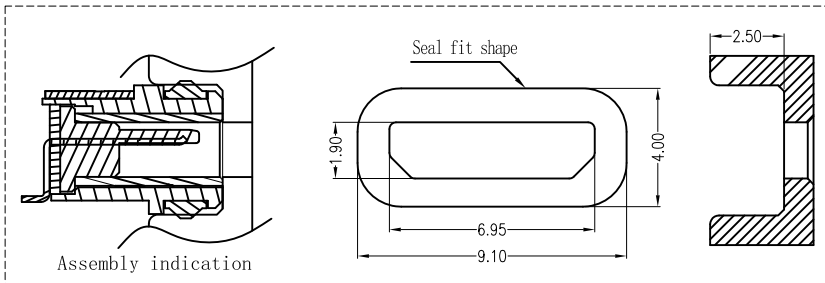




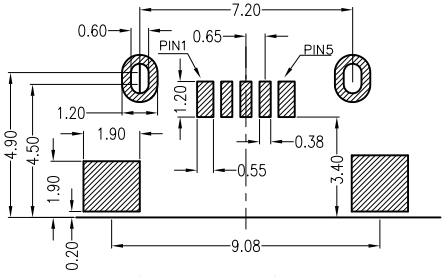


1. Material/Plated
1.1 Housing:High temperature thermoplastic,Black UL 94V-0.
1.2 Cover:High temperature thermoplastic,Black UL 94V-0.
1.3 Terminal:Copper Alloy,Gold Flash Plated At Contact Area, Gold Plated At Solded Area, Nickel Underplated Overall
1.4 Shell:Stailess steel,Nickel plated Overall
1.5 Out Shell:Stailess steel,Nickel plated Overall
1.6 Ring:Silicon
1.7 Epoxy:Epoxy,Black
2. Electrical Performance
2.1 Rated Voltage: 30V AC
2.2 Rated Current: 1,5Pin: 3.0A Max. 2,3,4Pin: 1.0A Max.
2.3 Contact Resistance: 30mΩ Max.
2.4 Insulation Resistance: 100MΩ Min.
2.5 Dielectric Strength: 100V AC
3. Mechanical Performance
3.1 Insertion Force: 35N Max.
3.2 Withdraval Force: 8-35N
3.3 Durability: 10000 Cycles
4. Operating Temperature: -25° C To +85° C
5. Waterproof: IPX8





Sealing method(for reference only)



RECOMMAND PCB LAYOUT

REV.	DESCRIPTION	ECN NO.	NAME	DATE
A	NEW RELEASE			

REVISIONS

DRAWN		
CHECKED		
APPROVE		
SCALE: N/A	SHEET: 1 OF 1	

DIMRNSION TOLERANCE
X
X.X ±0.35
X.XX ±0.25
X.XXX ±0.15
GENERAL ANGLE:±3°
UNIT: mm
LEVEL C31

TITLE	Micro USB B 5P Waterproof SMT
PART NO.	
DWG. NO.	

TK-RD-001A