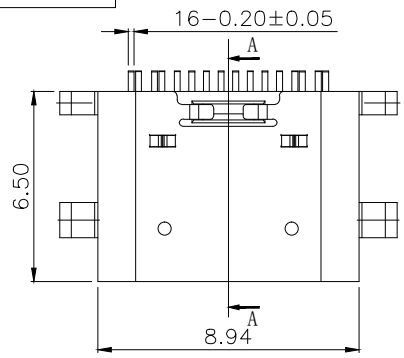
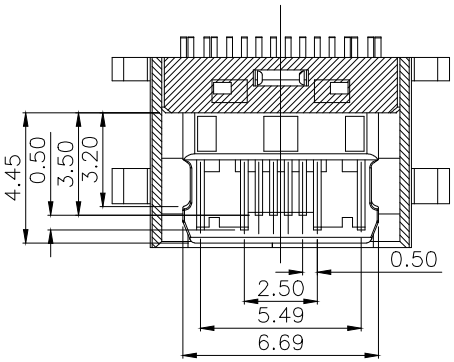
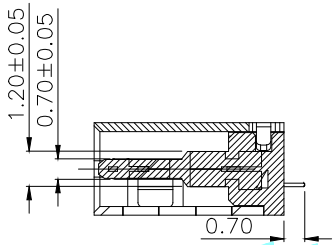
ROHS



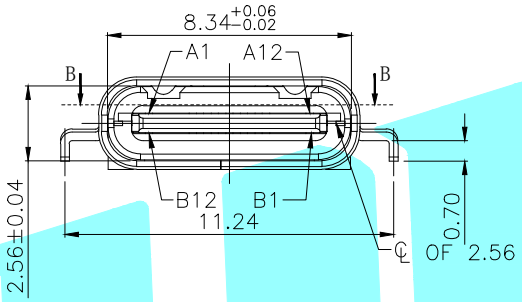


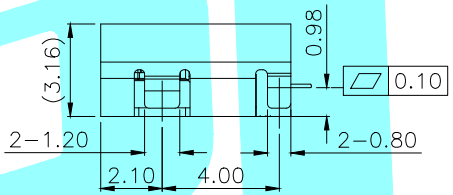
SECTION A-A
SCALE 1:1

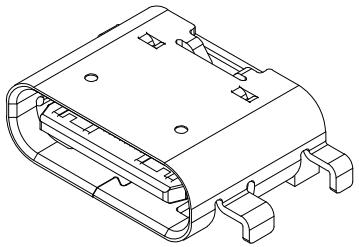


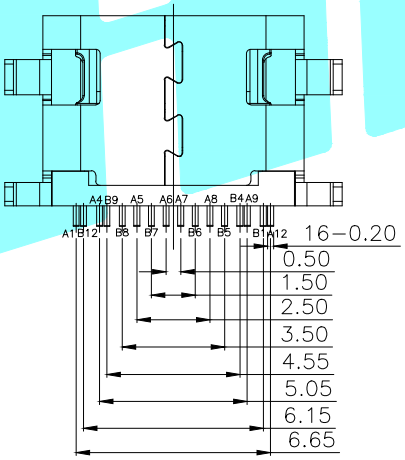
SECTION B-B
SCALE 1:1

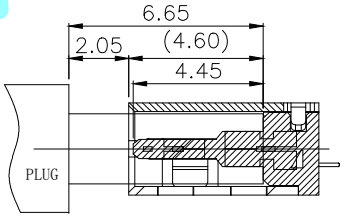
NOTE:
1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2.CONTACTS: COPPER ALLOY
3.MID PLATE: STAINLESS STEEL
2.PLATING SPECIFICATION:
2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATING ON SOLDER AREA
2-2.FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 5A
VOLTAGE RATING: 20V
4-2.INSULATION RESISTANCE: 100MΩ MIN
4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+80°C.
6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



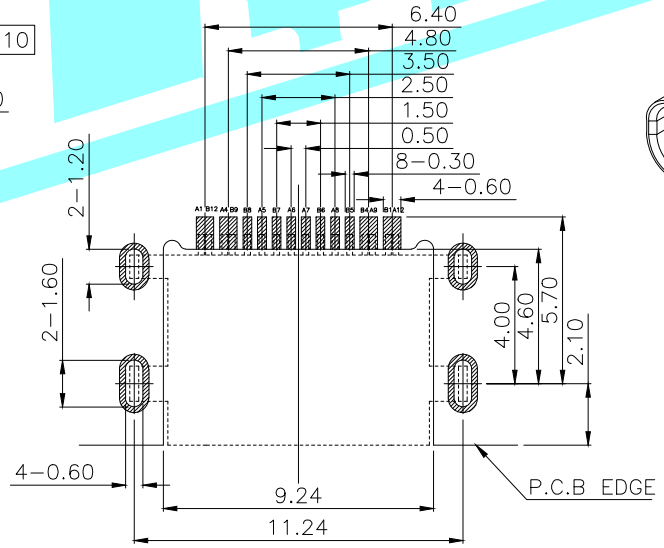








ARTER MATING
SCALE 1:1



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			

APPROVALS		DATE	HRO韩荣® ELECTRONICS CO.,LTD
DRAWN	LIUCAN	2021.3.6	
CHECKED			TITLE: USB CONNECTOR
APPROVALS			PART NO. TYPE-C-31-M-13B
TOLERANCES ARE	30~以上 ±0.30 / 10~30 ±0.25 / 5~10 ±0.20 / ~5 ±0.15	ANGLE ±2°	UNIT: mm / SCALE: 1:1 / PROJ: / DRAWING NO. / SHEET 1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

HRO:

DQ-03BP DA-10RP DS-01BP U-C-M5SS-Y-1 U-F-M5DS-Y-1 K2-1818DP-A3SW-01 PJ-3250-5A SIM-08A TYPE-C-31-M-04 U-F-M5DD-W-L ES-07KP K2-1102DP-G4SW-04 K2-1102SP-A5SC-04 K2-1102AT-A4CW-01 K8-5851D-L1 SS-22D03-G4 U-F-M5SS-W-5 DC-031A-10A K3-1346S-F1 K5-1617SA-01 U-F-M5DD-Y-L K2-1101DF-A4DW-01 K2-1102DP-S3SW-04 K2-1102SP-K4SC-04 K3-2258S-E1 PJ-399B-6A U-F-M5DD-Y-L1 U-M-M5DD-W-2 K2-1102BG-I4CW-01 U-C-M5DW-W-1