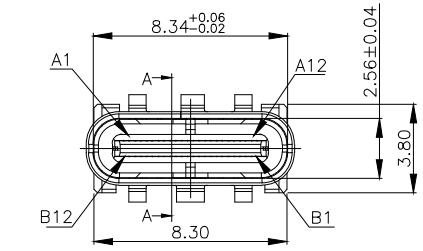
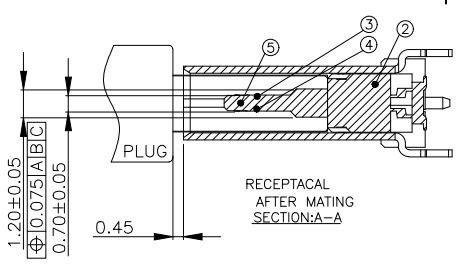
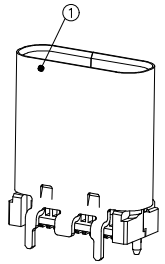
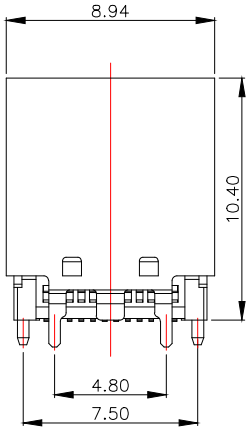
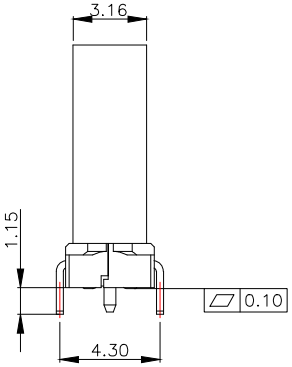
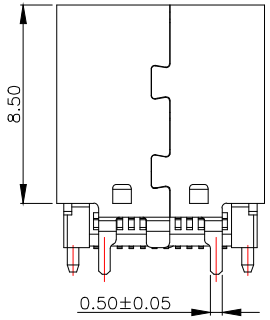












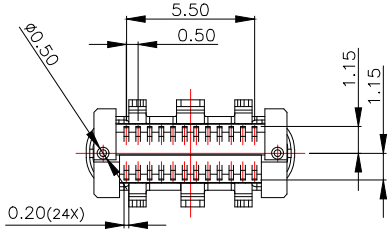
SPECIFICATION:

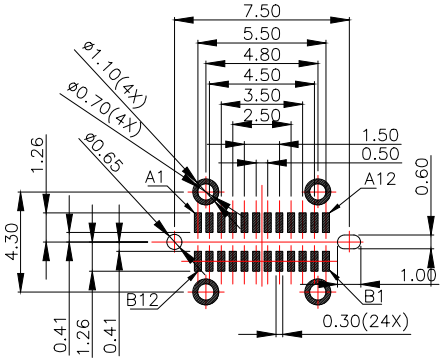
1.ELECTRICAL CHARACTERISTICS:

1.1 CURRENT RATING: 1.5A/Pin MAX(A4,A9,B4,B9)
1.25A/Pin MAX(A1,A12,B1,B12),0.25A(OHER PIN)
1.2 CONTACT RESISTANCE: 40 MILLIONHM MAX.
1.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
1.4 INSULATION RESISTNACE: 100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS
2.1 INSERTION FORCE: 5~20N
2.2 EXTRACTION FORCE: Initial:8~20N;Durability:6~20N(1000cycles);
2.3 DURABILITY:10,000CYCLES

3.ENVIRONMENTAL CHARACTERISTICS
3.1 TEMPERATURE RANGE: −40 °C ~ 85 °C
3.2. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.





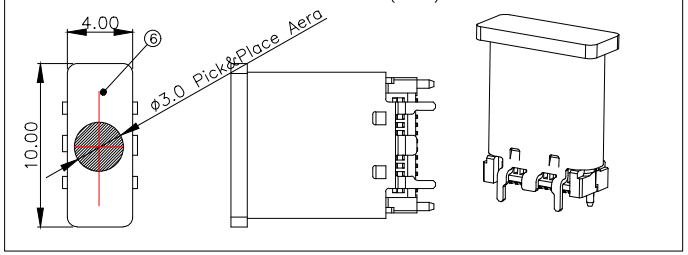
RECOMMENDED PCB LAYOUT(THICKNESS:0.80MM)
PWB TOLERANCE: ±0.05

PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1−	VBUS	CC1	D+	D−	SBU1	VBUS	RX2−	RX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1−	VBUS	SBU2	D−	D+	CC2	VBUS	TX2−	TX2+	GND

NO.	DESCRIPTION	QTY.	MATERIAL	FINISH
6	CAP	1 PCS	LCP	COLOR: BLACK
5	MID PLATE	1 PCS	STAINLESS STEEL	NO SURFACE TREATMENT
4	CONTACT B	1 SET	COPPER ALLOY	
3	CONTACT A	1 SET	COPPER ALLOY	
2	HOUSING	3 PCS	LCP	COLOR: BLACK
1	SHELL	1 PCS	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL.

CAP ASSEMBLY AND MOUTING CONDITION(REF.)



RoHS

SUNROM.COM

PRODUCT NAME
USB Type-C 24P Female Vertical Height 10.4mm

PRODUCT CODE	PRODUCT URL	DATE
7904	https://www.sunrom.com/m/7904	16/06/2025