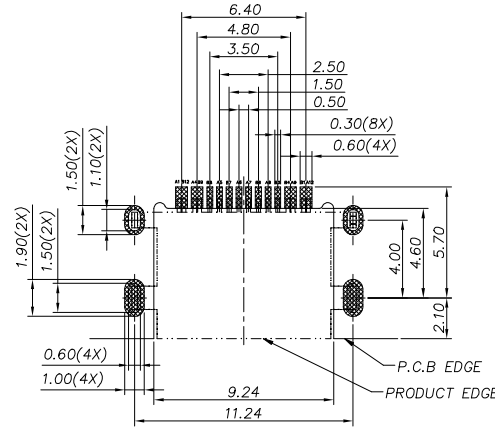
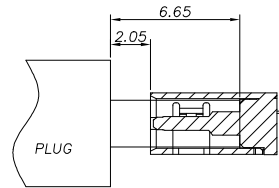


SECTION: A-A

RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

AFTER MATING

NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.TERMINAL: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.TERMINAL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 2-2.FRONT SHELL:
50U"MIN Ni OVER ALL
 - 2-3.MID PLATE:
CLEAR ONLY
- 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. VOLTAGE RATING:5 V DC/AC (RMS. max)
CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
7. PRODUCT PART NUMBER DESCRIPTION

10172013-000 X X LF

PACKAGING
1: TAPE AND REEL
PLATING OPTION(TERMINAL)1: CONTACT AREA :3U" Au
SOLDER AREA:1U" Au

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

mat'l. code				surface	tolerance	projection	product family
ISO 1302				ISO 406	ISO 1101	1101	title
tolerances unless otherwise				linear	linear	mm	USB TYPE-C
0°±1°				0°±1°	0°±1°	scale 1:1	16P SMT TYPE
dr TY.Tang				05/02/23	05/02/23	05/02/23	dwg no
engr TY.Tang				05/02/23	05/02/23	05/02/23	sheet 1 of 1
chr LQ.Lei				05/02/23	05/02/23	05/02/23	size
appd Tim.Yao				05/02/23	05/02/23	05/02/23	10172013
sheet				revision	1	1	A3
index				sheet	1	1	Product Customer Drawing