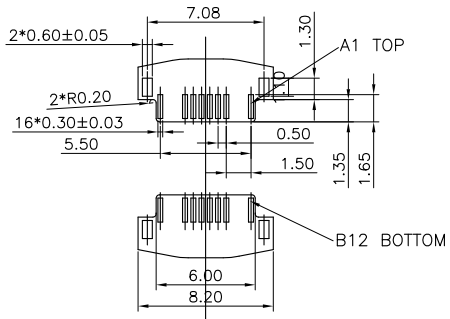
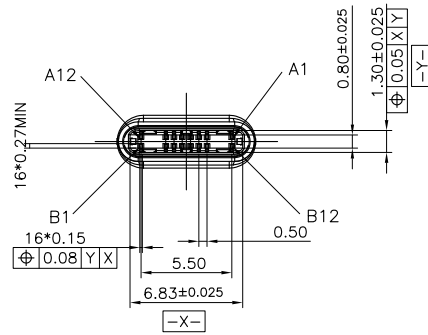
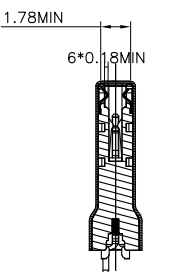
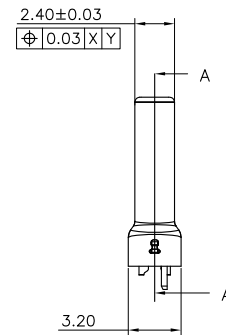
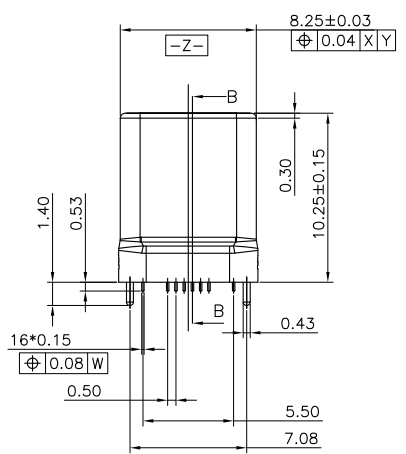


HSF Compliant

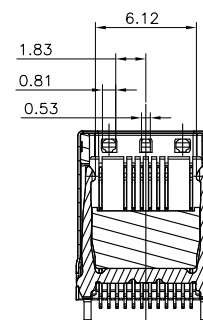
REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A0	/	NEW DRAWING	Richard	Richard	BENDEE	2020.08.25



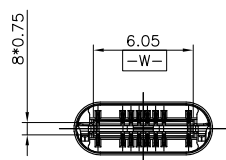
PLUG PCB LAYOUT(TOP)
TOLERANCES:±0.05
THICKNESS=0.8mm



SECTION B-B
SCALE 1:1



SECTION A-A
SCALE 1:1



- Specifications:
- Electrical performance:
 - Contact resistance: 40mΩ max for initial. 10mΩ change after test. measure at 20mv, 100mA.
 - Dielectric withstanding voltage:AC 100V(rms).
 - Insulation resistance:100MQ min.
 - Contact current rating:
3A for Vbus pin;1.25A for Vconn and GND pin;
0.25A for all the other pin.
 - Voltage rating : 30 Vac (rms).
 - mechanical performance:
 - Mating force:5~20N
 - Unmating force:8~20N Initial test,6~20N After test
 - Durability:10,000 cycles.
 - Environmental performance:
 - Temperature range:
 - Operating temperature:−40°to+85°.
 - Storage temperature:−20°to+60°.
 - Material:
 - Housing:LCP ,UL94−V0.
 - Contact:Copper alloy.
 - Shell:Stainless steel.
 - Plating specification:
 - Contact:Au(see table) plated on the functional area of contact;Tin plated 80u"min on solder area; Nickel 50u"min underplating over all.
 - Shell: nickel 30u"min plating over all.

A12	A11	A10	A09	A08	A07	A06	A05	A04	A03	A02	A01
GND			Vbus	SBU1	D−	D+	CC1	Vbus			GND
GND			Vbus	CC2	D+	D−	SBU2	Vbus			GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

东莞市兴科杰鑫电子有限公司
Dong Guan XingKeJieXin Electronics Co.,Ltd

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATA	TITLE
X. +/-		DRW. Richard	2020.08.25	CONN C TYPE C PLUG 16PIN SPLINT H=3.20mm
.X +/-		CHK.		
.XX +/-		APVD.		
FRACTIONS +/-				PART NO. CT3M050B
ANGLES +/-				
DIMENSIONS		SIZE DWG NO. REV.		
(METRIC)		A4 DWG-CTCM-050 A0		
(MM)		SCALE 1 : 1 STATUS A SHEET 1 OF 1		