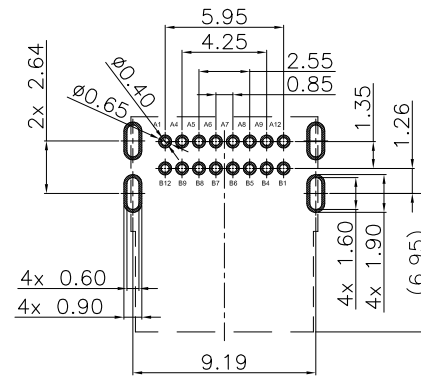


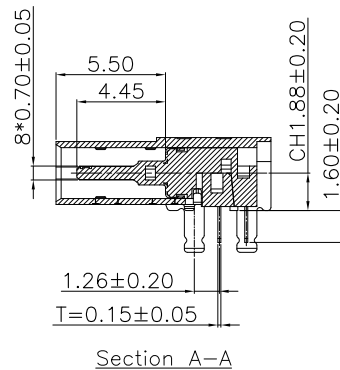
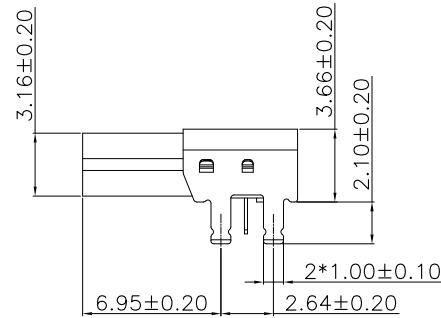
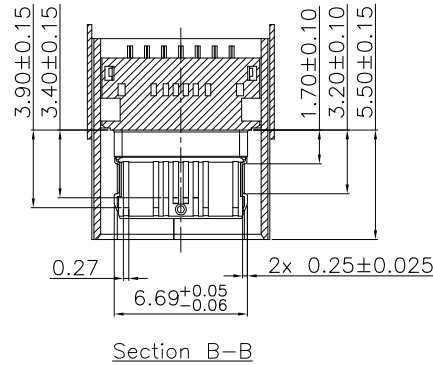
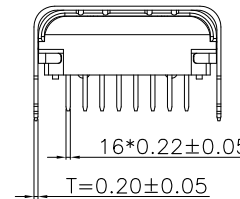
普通
HSF Compliant

REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A0	—	新版发行	YIN	—	BENDEE	23-09-22

- Specifications:
- 1.0 Electrical performance:
 - 1.1 Dielectric withstanding voltage:AC 100V(rms).
 - 1.2 Insulation resistance:100MΩ min.
 - 1.3 Contact current rating:
6.5A for Vbus pin;4.25A for Vconn and GND pin;0.25A for all the other pin.
 - 1.4 Voltage: 20 Vac (rms).
 - 2.0 mechanical performance:
 - 2.1 Mating force:5~20N
 - 2.2 Unmating force:8~20N Initial test,
6~20N After test
 - 2.3 Durability:10,000 cycles.
 - 3.0 Environmental performance:
 - 3.1 Temperature range:
 - 3.2 Operating temperature:-40°to+85°.
 - 3.3 Storage temperature:-20°to+60°.
 - 4.0 Material:
 - 4.1 Housing:LCP E130I Black,UL94-V0.
 - 4.2 Contact:C18400,T=0.15mm
 - 4.3 Mid-plate: SUS301,T=0.15mm
 - 4.4 Shell:SUS304 T=0.30mm
 - 4.5 Shell-EMI:SUS316 T=0.1mm
 - 4.6 Shell sheath:SUS304 T=0.2mm
 - 5.0 Plating specification:
 - 5.1 Contact:Au(see table) plated on contact area
Matte Tin plated 50u"min on solder area;Nickel 50u"min underplating over all.
 - 5.2 Shell:None plating.
 - 5.3 Shell-EMI:None plating.
 - 5.4 Shell sheath: 50u" min nickel plating.



RECOMMENDED PCB LAYOUT(TOP)
TOLERANCES:±0.05MM



A1	GND	B12	GND
A2	N/A	B11	N/A
A3	N/A	B10	N/A
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	N/A	B3	N/A
A11	N/A	B2	N/A
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	日期	品名	USB TYPE C REC 16P Double DIP CH1.88 L10.8
X. +/-		制图 YIN	2023.09.22	规格	
.X +/-		审核			
.XX +/-		核准			
FRACTIONS +/-		文件位置		料号	SEE TABLE
ANGLES +/-		ANGLE OF PROJECTION		字张	工程图号:
DIMENSIONS				A4	DWG-CTCF-241
(METRIC)	(MM)			比例	1 : 1

状态码	A	页数	1 OF 1
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版本: A0

料号备注	R=PACK-R0285
CT 3 F 241 D XX R XX XX	

12=半金雾锡1U"	R=ROHS2.0标准	B=盐雾24H
13=半金雾锡3U"	W=无卤+ROHS2.0	C=盐雾48H
14=半金雾锡5U"		
15=半金雾锡15U"		
16=半金雾锡30U"		

00=LCP黑不锈钢壳镀镍