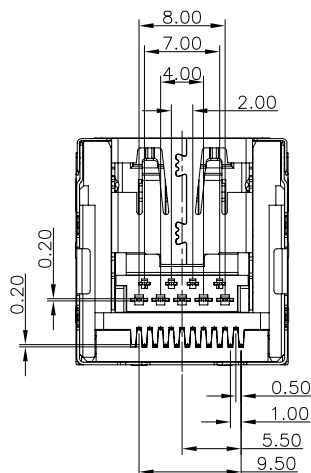
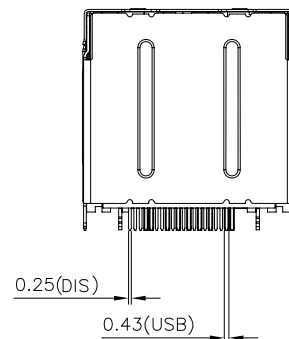
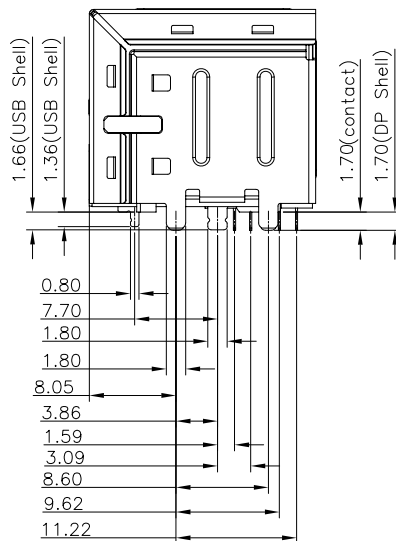
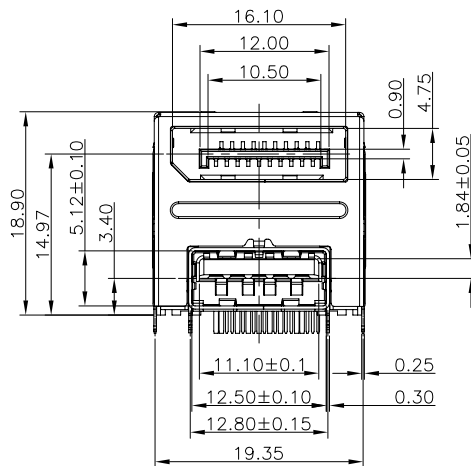
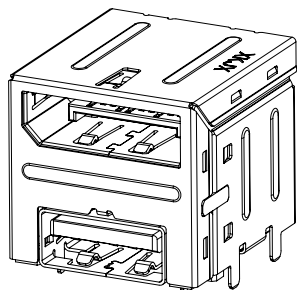
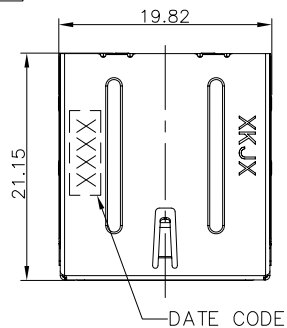


HSF Compliant



Part NO.

CP 0 F 034 D XX T XX XX

12=半金雾锡1U"
13=半金雾锡3U"
14=半金雾锡5U"
15=半金雾锡15U"
16=半金雾锡30U"

00=LCP黑钢壳镀镍

R=ROHS2.0标准
W=无卤+ROHS2.0

B=盐雾24H
C=盐雾48H

REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A0	---	new drawing	YIN	Beedee	Jobs	2023.05.20

DP-SPECIFICATIONS:

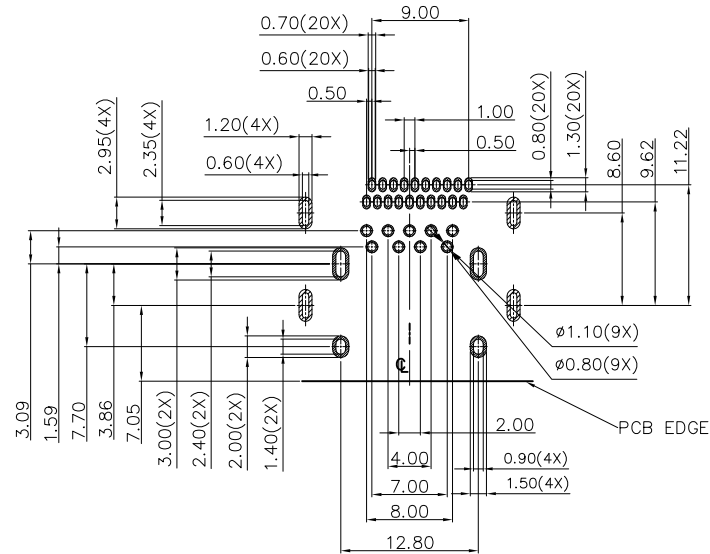
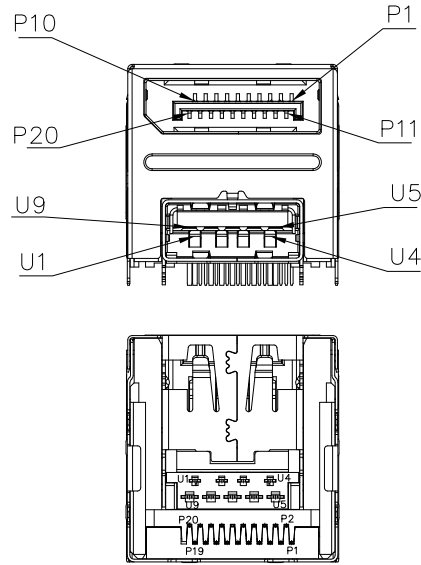
- Electrical Performance:
 - Contact current Rating: 0.5 Amperes min.
 - Dielectric Withstanding Voltage:AC500V(rms) 1 minue.
 - Insulation resistance: 100M ohms Min.
 - Contact Resistance: 30m ohm Max.
 - Voltage Rating : 40 Vac (rms).
- Mechanical Performance:
 - Insertion force:44.1N Max.
 - Withdrawal force:9.8N Min.
 - Durability:10000 cycle.
- Environmental Performance:
 - Temperature Range:
 - Operating Temperature:-25'to+85'.
 - Resistance to reflow soldering heat 260'min,10s.
- Material:
 - Plastic:high temperature plastic,UL94-V0,Color Black.
 - Contact:Copper alloy.
 - DP Shell: Stainless Steel
 - Frong Shell: Stainless Steel,
 - Back Shell: Stainless Steel,
- Plating:
 - Contact:(SEE TABLE)Au Plated on contact area
Tin 50u"Min Plated on solder area
Nickel 30u"Min underplating over all.
 - DP Shell:Ni Plated 30u"min
 - Frong Shell: No Plated
 - Back Shell:Ni Plated 30u"min

深圳市泓联杰鑫电子有限公司

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	日期	品名	DISPLAYPORT+USB3.1 H18.9 COMBO REC STD DIP CONN	
.X	+/-	制图	YIN	规格		
.XX	+/-	审核		料号	SEE TABLE	
.XXX	+/-	核准		文件位置		
FRACTIONS	+/-	ANGLE OF PROJECTION		字张	工程图号:	版本.
ANGLES	+/-			A4	DWG-CPAF-034	A0
DIMENSIONS				比例	1 : 1	状态码
(METRIC)	(MM)				A	页数 1 OF 2

HSF Compliant

REV.	ECN NO.	DESCRIPTION	DRAW	CHECK	APPD.	DATE
A0	---	new drawing	YIN	Beedee	Jobs	2023.05.20



RECOMMEND P.C.B LAYOUT
TOLERANCES: ± 0.05 ;

USB-SPECIFICATIONS:

1.0 Electrical Performance:

1.1 Contact current Rating:

1.80 Amperes for VBUS and GND contacts

0.25 Amperes for all other contacts

1.2 Dielectric Withstanding Voltage:AC 100V/minute

1.3 Insulation resistance:100M ohms Min

1.4 Contact Resistance:

30m ohm Max for VBUS and GND contacts

50m ohm Max for all other contacts

1.5 Voltage Rating : 30 Vac (rms)

2.0 Mechanical Performance:

2.1 Mating Force:35N Max

2.2 Unmating Force:10N~25N;

2.3 Durability:5000 cycles

3.0 Environmental Performance:

3.1 Temperature Range:

3.1.1 Operating Temperatures:-20°C TO +85°C.

3.1.2 Resistance to REFLOW SOLDERING

HEAT: 260°+0/-5°,10s.

4.0 MATERIAL:

4.1 Housing:PA9T, UL94 V-0

4.2 Contact:A Contacts C5191&B Contacts C2680

4.3 Shell:Stainless Steel

5.0 PLATING:

5.1 Contact: Au Plated on contact area

Tin 50u"Plated on solder area

Nickel 30u"Min Plated underplating over all.

5.2 Shell:Nickel 30u"Min underplating over all.

Displayport Connector Pin Assignment		
PIN No.	Signal Type	Notes:
1	In/Out	1) Pin 13 and 14 must be connected to ground through a pull- down.External devices and cable assemblies must be designed to not rely on a low impedance ground path from these pins.
2	GND	
3	In/Out	
4	In/Out	
5	GND	
6	In/Out	
7	In/Out	
8	GND	
9	In/Out	
10	In/Out	2) Pin 20,PWR Out,must provide +3.3 volts $\pm 10\%$ with a maximumcurrent of 500 mA and a minimum power capability of 1.5 watts.
11	GND	
12	In/Out	
13	CONFIG (see note)	
14	CONFIG (see note)	
15	I/O	
16	GND	
17	I/O	
18	Out/In	
19	RTN	
20	Power Out/PWR Out (see note2)	

USB Pin Assignment	
PIN No.	Signal Type
1	VBUS
2	D-
3	D+
4	GND
5	SSRX-
6	SSRX+
7	GND_DRAIN
8	SSTX-
9	SSTX+
Shell	Shield

深圳市泓联杰鑫电子有限公司

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	日期	品名	DISPLAYPORT+USB3.1 H18.9 COMBO REC STD DIP CONN	
.X	+/-	制图 YIN	2023.05.20	规格		
.XX	+/-	审核				
.XXX	+/-	核准		料号	SEE TABLE	
FRACTIONS +/—		文件位置		字张	工程图号:	版本.
ANGLES +/—		ANGLE OF PROJECTION		A4	DWG-CPAF-034	A0
DIMENSIONS				比例	1 : 1	状态码 A
(METRIC)	(MM)				页数 2 OF 2	