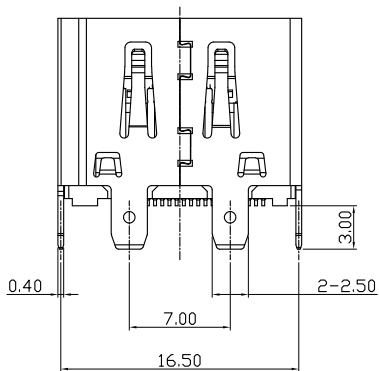
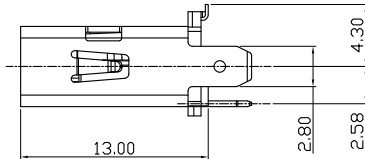
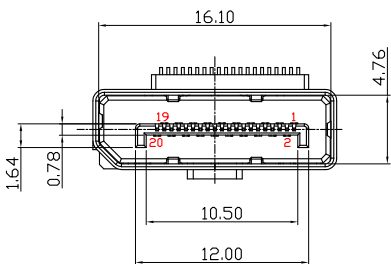
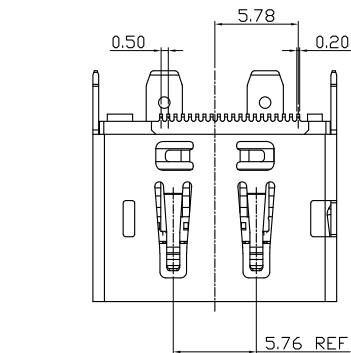




MATERIALS:

1. Housing: LCP (UL94 V-0), Black
2. CAP: LCP (UL94 V-0), Black
3. Contact: Brass
4. Shell: SUS304

FINISH:

1. Contact: Gold Flash Plated On Contact Area
Tin Plated On Solderails
Nickel Under Plated Over All
2. Shell: Nickel Plated

SPECIFICATION:

1. Current: 0.5A
2. Voltage: 40V RMS
3. Dielectric Withstanding Voltage: 500V AC/60S
4. Contact Resistance: 30 mΩ Max.
5. Insulation Resistance: 100MΩ Min. At 500V DC;
6. Operating Temperature: -25°C to +85°C
7. Insertion Force: 4.5Kgf Max(44.1N)Max.
8. Withdrawal Force: 1.0~4.0Kgf(9.8N~39.2N)
9. Durability: 10,000 Cycles

僅供參考

XIAN YI PRECISION CO., LTD.
祥益精密股份有限公司

TITLE / 品名: DP 180度 SMD H=13.0 鋼殼

PART NO / 料號: DTF20V-11AN-18R0

核準發行章

APPROVE / 核準

CHECKED / 審查

DRAWING / 繪圖

DRAWING NO / 圖號

UNIT / 單位

☉ ☐

SHEET 1 OF 1

NO.

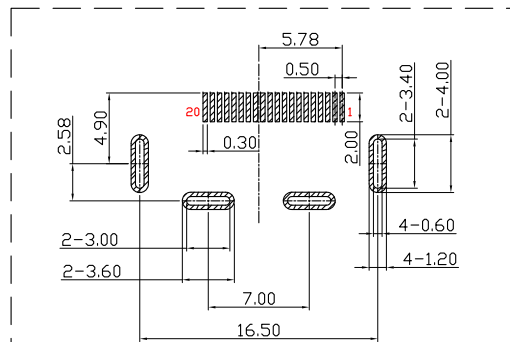
REV / 版本

圖面僅供參考, 實際尺寸以承認圖為主

2025/12/19

修訂內容

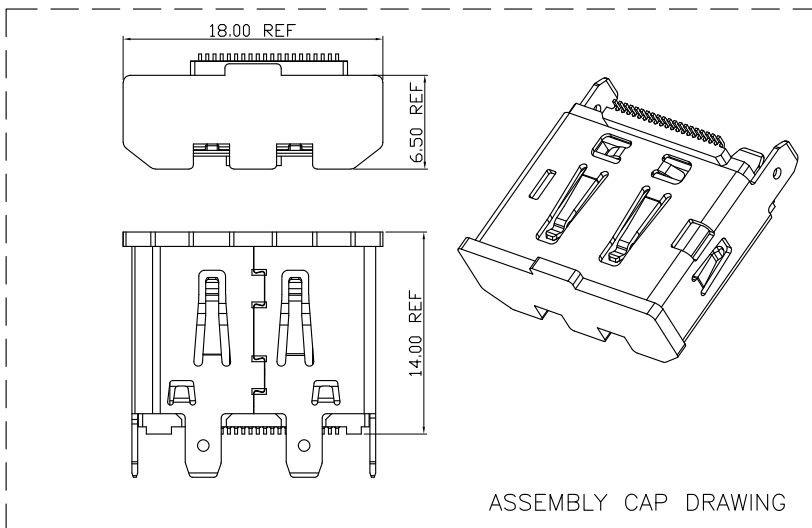
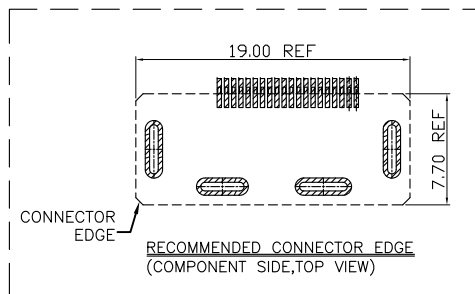
日期



RECOMMENDED DP PCB LAYOUT (COMPONENT SIDE)
THICKNESS=1.20±0.05 (TOP VIEW) DEFAULT TOL ±0.05

1. CONNECTOR SOLDER NOTES:

- 1-1. RECOMMENDED SOLDERING PADS THICKER 0.12MM MIN FOR GOOD SOLDERING.
- 1-2. SOLDERING PADS LENGTH AND WIDTH FOLLOW DRAWING ABOVE.
- 1-3. THE SOLDER PASTE SHOULD BE PRINT FULL SOLDERING PADS AREA.



ASSEMBLY CAP DRAWING

Connector Pin Assignment

PIN Number	Signal Type	Pin Name
1	In/Out	ML_Lane 3 (n)/ML_Lane 0 (p)
2	GND	GND
3	In/Out	ML_Lane 3 (p)/ML_Lane 0 (n)
4	In/Out	ML_Lane 2 (n)/ML_Lane 1 (p)
5	GND	GND
6	In/Out	ML_Lane 2 (p)/ML_Lane 1 (n)
7	In/Out	ML_Lane 1 (n)/ML_Lane 2 (p)
8	GND	GND
9	In/Out	ML_Lane 1 (p)/ML_Lane 2 (n)
10	In/Out	ML_Lane 0 (n)/ML_Lane 3 (p)
11	GND	GND
12	In/Out	ML_Lane 0 (p)/ML_Lane 3 (n)
13	CONFIG (see note1)	CONFIG1
14	CONFIG (see note1)	CONFIG2
15	I/O	AUX_CH (p)
16	GND	GND
17	I/O	AUX_CH (n)
18	Out/In	Hot Plug Detect
19	RTN	Return
20	Power Out/PWR Out (see note2)	DP_PWR

Notes:

- 1) Pin 13 and 14 must be connected to ground through a pull-down device. External devices and cable assemblies must be designed to not rely on a low impedance ground path from these pins.
- 2) Pin 20, PWR Out, must provide +3.3 volts±10% with a maximum current of 500mA and a minimum power capability of 1.5 watts.

XIAN YI PRECISION CO., LTD.
祥益精密股份有限公司

TITLE / 品名: DP 180度 SMD H=13.0 鋼殼

PART NO / 料號: DTF20V-11AN-18R0

APPROVE / 核準	CHECKED / 審查	DRAWING / 繪圖	DRAWING NO / 圖號
<i>Kin</i>	<i>Chenrong</i>	<i>Chenrong</i>	A-DP-014-00

UNIT / 單位	☉	◁
mm	SHEET 1	OF 1

△			
△			
△			
	1.0	圖面僅供參考, 實際尺寸以承認圖為主	2025/12/19
NO.	REV / 版本	修訂內容	日期

僅供參考

核準發行章