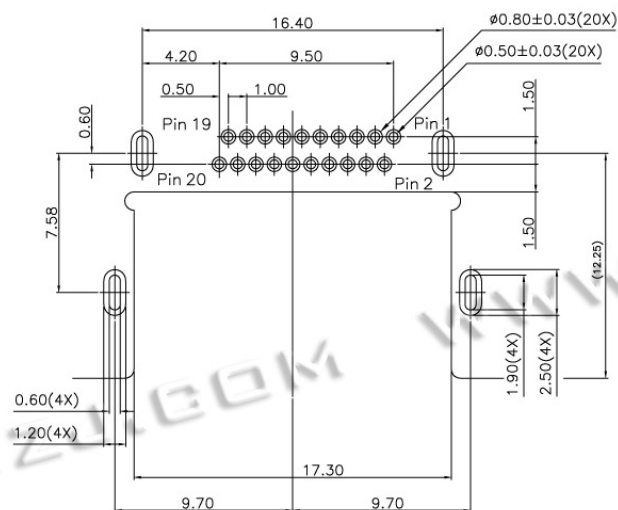
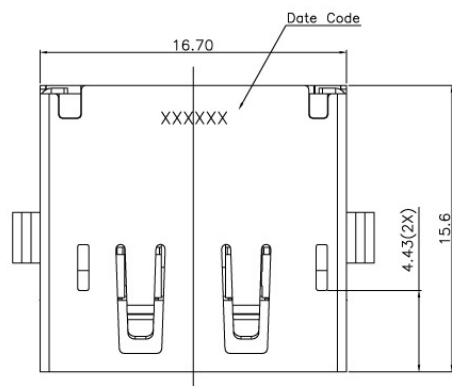
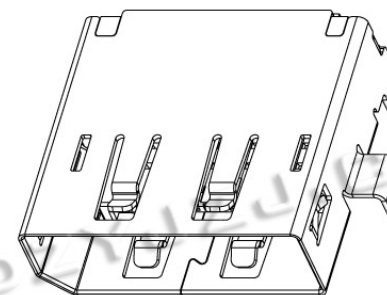
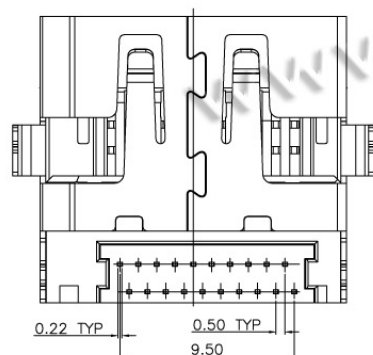
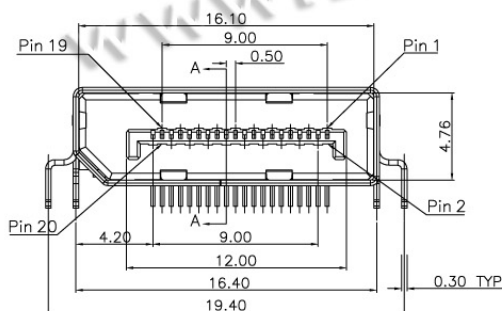




Recommended P.C.B Layout (Top View)
(Thickness=1.20±0.05mm)



3D View

Pin Assignment	
Pin Number	Signal Type
1	Out
2	GND
3	Out
4	Out
5	GND
6	Out
7	Out
8	GND
9	Out
10	Out
11	GND
12	Out
13	CONFIG
14	CONFIG
15	I/O
16	GND
17	I/O
18	In
19	RTN
20	PWR Out

Notes:

1.Material Specification:

- 1-1.Housing: LCP+30% G.F UL94 V-0.
- 1-2.Contact: Copper Alloy C2680 T=0.20mm.
- 1-3.Shell: Stainless Steel (SUS304) T=0.40mm.

2.Plating Specification:

- 2-1.Contact: see P/N.
- 2-2.Shell: Nickel Plated.

3.Mechanical Performance:

- 3-1.Insertion force: 44.1N (4.5kgf) max.
- 3-2.Withdrawal force: 9.8N~25N (1.0~2.5kgf).
- 3-3.Durability: 10,000 cycles.

4.Electrical Performance:

- 4-1.Current Rating: 0.5A.
- 4-2.LLCR: Contact: 30 mΩ max.(initial), Shell: 50 mΩ max.(initial).
- 4-3.Insulation Resistance:
Unmated:100 MΩ min. at 500V DC, Mated:10 MΩ min. at 150V DC.
- 4-4.Dielectric withstand voltage:
150V AC/60s (mated), 250V AC/60s(unmated).

5.IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.

6.Operating temperature range: -35°C~105°C(without loss function).

7.RoHS and Reach compliant.



深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X' ±0.5"	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: DP 沉板母座	
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. HYC27-DP20-220	
 UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱敏	DATE : 2014-02-23	DRAW NO: HYC-1906231045	
			SHEET NO. 1 OF 1	