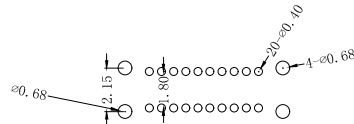
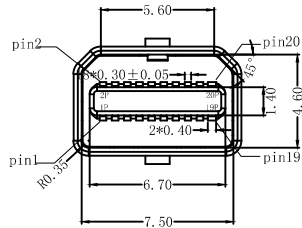


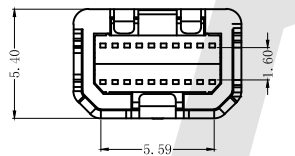
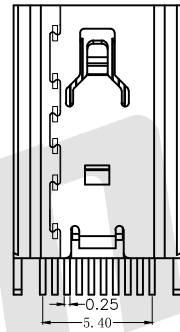
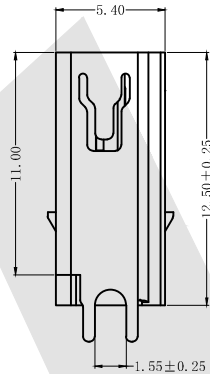
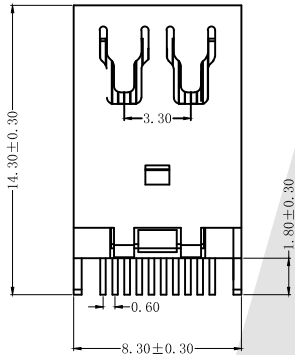
HSF



ROHS



PCB LAYOUT



Top Row			Bottom Row		
Pin Number	Signal Type	Pin Name	Pin Number	Signal Type	Pin Name
1	GND	GND	2	In	HotPlug Detect
3	Out	ML_Lane 0(p)	4	CONFIG	CONFIG1
5	Out	ML_Lane 0(n)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 1(p)	10	Out	ML_Lane 3(p)
11	Out	ML_Lane 1(n)	12	Out	ML_Lane 3(n)
13	GND	GND	14	GND	GND
15	Out	ML_Lane 2(p)	16	I/O	AUX_CH(p)
17	Out	ML_Lane 2(n)	18	I/O	AUX_CH(n)
19	GND	GND	20	PWR Out	DP_PWR

NOTES:

*Material
 Body and sheath: LCP+50%G.F UL94V-0 Color:Black
 Insert (Molding):LCP+30%G.F UL94V-0 Color:Black
 Contact:C5191;
 Plating: Gold plating over Nickel(30~80u'') on contact area,
 Tin (80~150u'')Plating on Solder Tail.
 Shell: Brass;
 Plating: Nickel (40~80u'') Plating.
 *Electrical Specification
 Current Rating: 0.5 Ampere per contact
 Contact Resistance:30mΩ max.
 Insulation Resistance:100MΩ Min
 Dielectric Withstanding Voltage: 500V AC Min
 *Environmental
 Operating Temperature: -25°Cto +85°C.

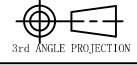
Ordering Code:

MDP - F - X - X - 05
 ① ② ③ ④ ⑤

- ① Series No:
- ② Male/female:
F:female
- ③ Contact Plating:
1: Selective 1u"
2: Selective 3u"
3: Selective 5u"
4: Selective 15u"
5: Selective 30u"
6: All Gold
- ④ Shell Plating:
1:Nickel Plated
2:Tin-Nickel Plated
3:Gold Plated
- ⑤ series number:
05

Unless Otherwise specified tolerance
 X. ±0.35 X.XX:±0.20
 X.X:±0.25 X.XXX:±0.15

SCALE: As Shown UNIT: mm
 DRAW ZLA DATE 24/03/2022
 CHECK BobYang DATE 24/03/2022



Antenk ANTENK ELECTRONICS CO., LTD
[Http://www.antenk.com](http://www.antenk.com)
 E-mail:sales@antenk.com

TITLE: Mini Display Port receptacle 180° DIP
 Straight legs

DRAWING NO: MDP-F-X-X-05
 PRODUCT NO: MDP-F-X-X-05

REV	DESCRIPTION	DATE
1		
2		