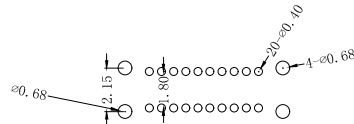
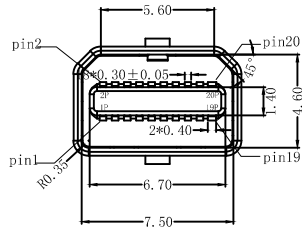


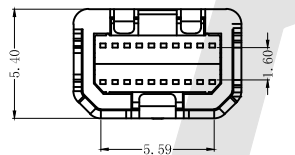
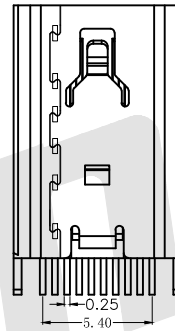
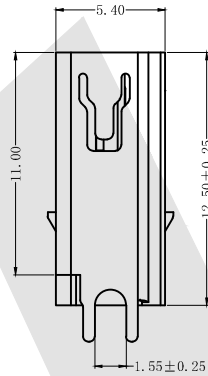
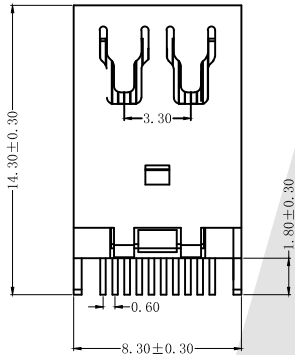
HSF



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 - 09
 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:
09

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 ELECTRONICS CO., LTD

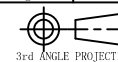
Http://www.antenk.com

E-mail:sales@antenk.com

TITLE: Mini Display Port receptacle 180° DIP
Straight legs

DRAWING NO: MDP-F-X-X-09

PRODUCT NO: MDP-F-X-X-09



3rd ANGLE PROJECTION

REV

DESCRIPTION

DATE

1

2

3

4

5

6

7

8