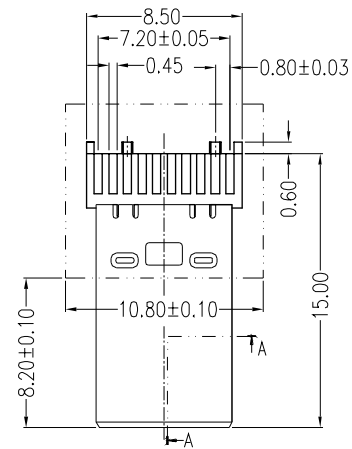


Top Row			Bottom Row		
Pin NO.	Signal Type	Pin Name	Pin NO.	Signal Type	Pin Name
1	GND	GND	2	In	Hot Plug Detect
3	Out	ML_Lane 3(n)	4	CONFIG	CONFIG1
5	Out	ML_Lane 3(p)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 2(n)	10	Out	ML_Lane 0(n)
11	Out	ML_Lane 2(p)	12	Out	ML_Lane 0(p)
13	GND	GND	14	GND	GND
15	Out	ML_Lane 1(n)	16	I/O	AUX_CH(p)
17	Out	ML_Lane 1(p)	18	I/O	AUX_CH(N)
19	GND	GND	20	PWR Out	DP_PWR

NOTES:

*Material

Body: LCP+50%G.F UL94V-0 Color: White.
 Insert(Molding): LCP+30%G.F UL94V-0 Color:Black.
 Clip: PA66+30%G.F UL94V-2 Color:Black.
 Contact: C7025;
 Plating: Au plating on contact area,
 Sn (100u" Min) plating on solder tail,
 Ni (40u" Min) underplating overall.
 Shell: Brass; Ni(50u" Min) Plating.

*Electrical Specification

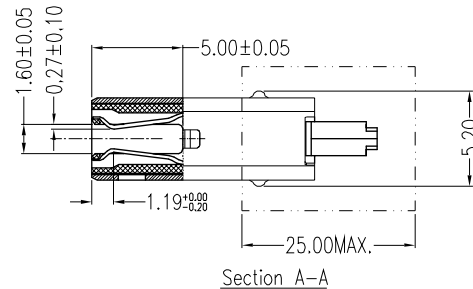
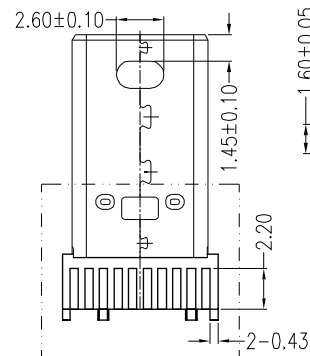
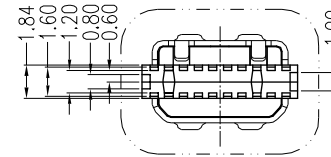
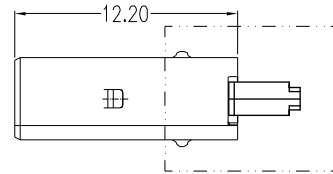
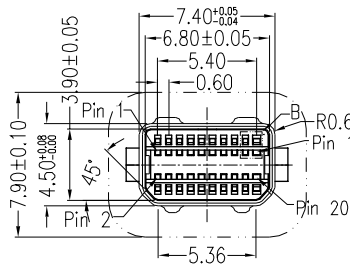
Operation Voltage: 30 V AC Max.
 Current Rating: 0.5 Ampere per contact
 Contact Resistance: 30 mΩ max.
 Insulation Resistance: 100MΩ Min
 Dielectric Withstanding Voltage: 500V AC Min.

*Mechanical

Insertion Force: 4.5Kgf Max.
 Withdrawal Force: 1.0~4.0Kgf.
 Durability: 10000 cycles

*Environmental

Operating Temperature: -40°C to +85°C



RoHS Compliant

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X, ± 0.30
 .X ± 0.38
 .XX ± 0.25
 .XXX ± 0.20
 ANG ± 3°

PPOJECTION

照片框

ORDER INFORMATION

MDSP-PS-20-LF

SERIES T T LEADFREE
 20 WAY
 SOLDER
 MALE

DESCRIPTION: Mini DisplayPort Plug (Sector) With clip