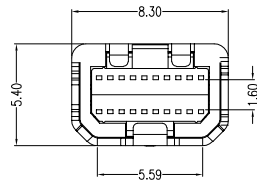
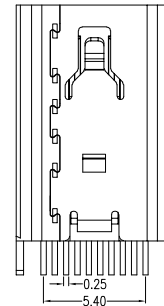
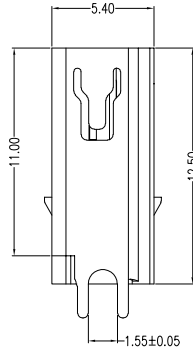
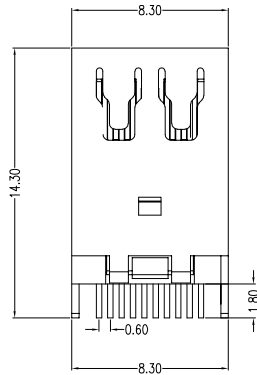
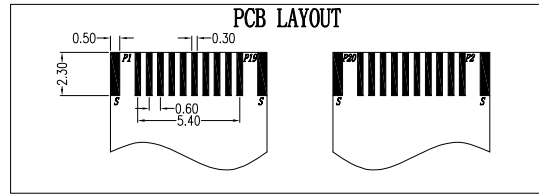
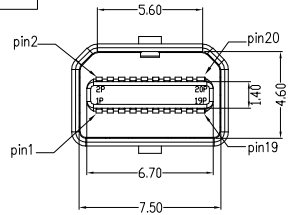


RoHS Compliant



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

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

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(40~80U")  
 on contact area,Tin(100~250U")  
 Plating on Solder Tail.  
 Shell: Brass;  
 Plating: Nickle(40~80U") Plating.

\*Mechanical

Insertion Force: 4.5Kg Max  
 Withdrawal Force: 1.0~4.0Kg Min  
 Durability: 5000 Cycles

\*Electrical Specification

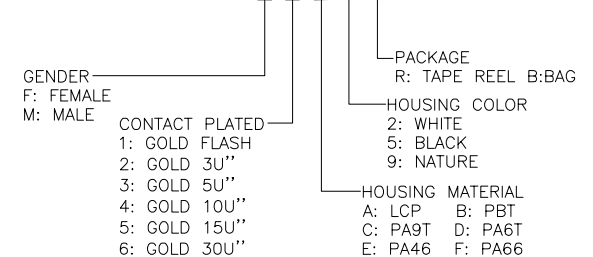
Current Rating: 0.5 Ampere per contact  
 Contact Resistance: 30 mΩ max.  
 Insulation Resistance: 100MΩ Min  
 Dielectric Withstanding Voltage: 500V AC Min

\*Environmental

Operating Temperature: -40°c to +85°c.

PART NO. INFORMATION

**MDP09- F X X 5 X - 002**



**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.35	.X*	± 3*
.XX	± 0.25	.X*	± 2*
.XXX	± 0.15	.XX*	± 1*

Website:www.bsc-elec.com  
 Email:bestcreate@bsc-elec.com

DESIGN:	DATE:
<b>I. L</b>	<b>2017. 3. 1</b>
CHECKED:	DATE:
<b>C. W</b>	<b>2017. 3. 1</b>
APPROVED:	DATE:
<b>C. W</b>	<b>2017. 3. 1</b>

TITLE: <b>SPLINT 1.6MM MINI DP FEMALE CONNECTOR THROUGH HOLE MOUNTING</b>		
MATERILA:	PART NO:	SIZE:
	MDP09-FXX5X-002	A4
FINSH:	DWG NO:	
	MDP09-FXX5X-002	

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
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