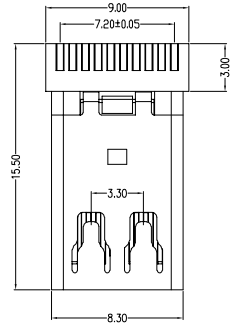
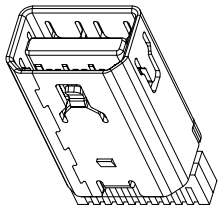
RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN





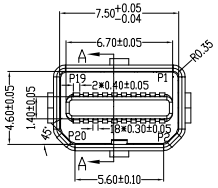
Top Row			Bottom Row		
Pin Number	Signal Type	Pin Name	Pin Number	Signal Type	Pin Name
1	GND	GND	2	In	HotPlug Detect
3	Out	ML_Lane 0(p)	4	CONFIG	CONFIG1
5	Out	ML_Lane 0(n)	6	CONFIG	CONFIG2
7	GND	GND	8	GND	GND
9	Out	ML_Lane 1(p)	10	Out	ML_Lane 3(p)
11	Out	ML_Lane 1(n)	12	Out	ML_Lane 3(n)
13	GND	GND	14	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

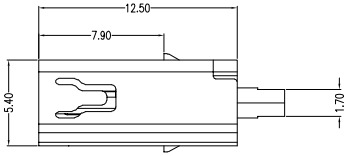
Body and sheath: LCP+50%G.F UL94V-0 Color:Black
Insert(Molding): LCP+30%G.F UL94V-0 Color:Black
Contact: C5191;
Plating: Gold plating over Nickel(40~80U")
on contact area,Tin(100~250U")
Plating on Solder Tail.
Shell: Brass;
Plating: Nickle(40~80U") Plating.

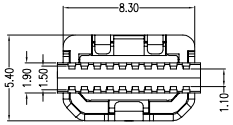
Insertion Force: 4.5Kg Max
Withdrawal Force: 1.0~4.0Kg Min
Durability: 5000 Cycles

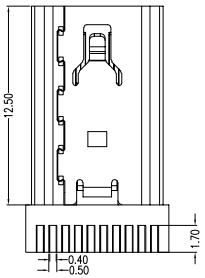
Current Rating: 0.5 Ampere per contact
Contact Resistance: 30 mΩ max.
Insulation Resistance: 100MΩ Min
Dielectric Withstanding Voltage: 500V AC Min

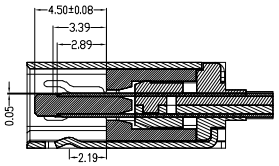
Operating Temperature: -40°c to +85°c.











截面 A-A

PART NO. INFORMATION

MDP09- F X X 5 X - 003-V1-A

GENDER
F: FEMALE
M: MALE

CONTACT PLATED
1: GOLD FLASH
2: GOLD 3U"
3: GOLD 5U"
4: GOLD 10U"
5: GOLD 15U"
6: GOLD 30U"

HOUSING MATERIAL
A: LCP B: PBT
C: PA9T D: PA6T
E: PA46 F: PA66

HOUSING COLOR
2: WHITE
5: BLACK
9: NATURE

PACKAGE
R: TAPE REEL B:BAG

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:
I.L	2017.3.1
CHECKED:	DATE:
C.W	2017.3.1
APPROVED:	DATE:
C.W	2017.3.1

TITLE: MINI DP FEMALE CONNECTOR FOR WIRE SOLDERING

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	

MATERILA:	PART NO: MDP09-FXX5X-003-V1-A	SIZE: A4
FINSH:	DWG NO: MDP09-FXX5X-003-V1-A	