

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTES:

1. MATERIAL:

- 1.1 SHELL: SUS304(T=0.40MM)
- 1.2 HOUSING: LCP UL94V-0 BLACK
- 1.3 TERMINAL: C2680(T=0.20MM)

2. PLATING:

- 2.1 CONTACTS: Ni 50u" MIN. UNDER PLATED, 1U" MIN GOLD FLASH PLATED ON THE MATING AREA OF CONTACT. MATTE Sn 80u" MIN. PLATED ON THE SOLDER TALL.
- 2.2 SHELL: BLACK NICKEL 30U" MIN.

PIN	SIGNAL TYPE	PIN NAME
1	GND	GND
2	In	Hot Plug Detect
3	Out	ML_LANE 0 (p)
4	CONFIG(SEE NOTE 1)	CONFIG1
5	Out	ML_LANE 0 (n)
6	CONFIG(SEE NOTE 1)	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(SEE NOTE 2)	DP_PWR

PART NO. INFORMATION

MDP09- F X X 5 R - 001

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"

PACKAGE
R: TAPE REEL T: TRAY
HOUSING COLOR
2: WHITE
5: BLACK
9: NATURE

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

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	±	0.30	X.*	±	1°
.X	±	0.25	.X*	±	1.5°
.XX	±	0.20	.XX*	±	1.0°

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 20P H=5.4MM CH=0.70MM REC,
RVS, DIP TYPE B TYPE

MATERIAL:

PART NO:

MDP09-FXX5R-001

SIZE: A4

FINISH:

DWG NO:

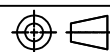
MDP09-FXX5R-001

REV:
A

UNIT
mm

SCALE
1=1

QUALITY
SYMBOLS



DATE CORD:YYMMDD
(YY=YEAR;MM=MONTH;DD=DAY)

TOLERANCE: ±0.05, THICKNESS: 1.6mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)

2-0.50 Max
PLUS IN Spring
Highest Point