



P.C.B LAYOUT (T=1.60mm)
VIEW BOTTOM(tolerance±0.05)

Mini DisplayPort Connector Pin Assignment

Pin Number	Signal Assignment	Pin Number	Signal Assignment
1	GND	2	In
3	Out	4	CONFIG
5	Out	6	CONFIG
7	GND	8	GND
9	Out	10	Out
11	Out	12	Out
13	GND	14	GND
15	Out	16	I/O
17	Out	18	I/O
19	GND	20	PWR Out

NOTES:

- MATERIL
 - HOUSING:HI-TEMP PLASTIC (UL94-V-0),BLACK
 - CONTACT:COPPER ALLOY(T=0.20),
PLATING:GOLD PLATED ON CONTACT AREA,
TIN PLATED ON SOLDER TAILS,UNDER
NICKEL PLATED.
 - SHELL:BRASS(T=0.40),PLATING:NICKEL PLATED,
 - SPRING SHELL: STAINLESS SUS304 T=0.20mm
 - COVER: HI-TEMP,PLASTIC(UL94V-0)BLACK,
- SPECIFICATION:
 - CURRENT RATING: 0.5 A
 - CONTACT RESISTANCE: 30mΩ MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC
R.M.S FOR ONE MINUTE.
 - INSULATION RESISTANCE: 100MΩ MIN AT 500V DC.
 - OPERATING TEMPERATURE: -25° TO +85°.
 - DURABILITY: 10000 CYCLES.
 - MATING FORCE: 4.5KG MAX.
 - UNMATING FORCE: 1.0KG MIN



深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2' X.X' ±0.5'	DRAWN BY : 陈一鸣	DATE : 2014-02-23	PART NAME: MINI DP SMT式母座(中心高6.0)
	CHECKED BY: 马跃	DATE : 2014-02-23	PART NO. : HVC09-MDP20-060
UNIT: mm [inch] SCALE:1:1 SIZE: A4	APPROVED BY: 邱国夷	DATE : 2014-02-23	DRAW NO. : HVC-MDP16052619
			SHEET NO. : 1 OF 1