



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

NOTE:
 1.MECHANICAL CHARACTERISTICS
 INSERTION FORCE: 44.1N MAX
 EXTROCTION FORCE: 9.8N MIN, 39.2N MAX
 MATING CYCLE:10000 CYCLES
 2.ELECTRICAL CHARACTERISTICS
 RATING CURRENT: 0.5A
 RATING VOLTAGE: 40V
 CONTACT RESISTANCE: 10 MILLOHMS OHMS MAX
 (EXCLUDING CONDUCTOR RESISTANCE)
 INSULATION RESISTANCE:
 a, UNMATED: 100M OHMS MIN AT 500 VDC
 b, MATED: 10M OHMS MIN AT 150 VDC
 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/1MINUTE
 OPERATING TEMPERATURE: -20°C--+85°C
 STORAGE TEMPERATURE: -20°C--+65°C

2	CO	LCP 40%G/F UL94V-0	RoHS2&H.F Fit
1	LO	PA9T 30%G/F UL94V-0	RoHS2 Fit
		MATERIAL	REMARK

TABLE A : Plastical Material

P/N: HD1080W-XXXX-XXXXXXX

Model P/N

Plastical Material (Choose From Table A)

Housing Color
 □01:Black

Packing
 □B:Tray; □R:Tape reel; □T:Tube; □P:PE Bag.

Remark
 0:Normal;

Shell Material
 □C:Brass C2680;

PIN Number

Terminal Plating
 □0:Bright Tin;
 □W:Matte Tin;
 □1:COLD FLASH PLATING OVER ALL;
 □2:CONTACT AREA:3U"GOLD,SOLDER AREA:GOLD FALSH
 □3:CONTACT AREA:15U"GOLD,SOLDER AREA:GOLD FALSH
 □4:CONTACT AREA:30U"GOLD,SOLDER AREA:GOLD FALSH
 □A:CONTACT AREA:GOLD FALSH,SOLDER AREA:MATTE TIN80U"
 □B:CONTACT AREA:3U"GOLD,SOLDER AREA:MATTE TIN80U"
 □C:CONTACT AREA:5U"GOLD,SOLDER AREA:MATTE TIN80U"
 □D:CONTACT AREA:10U"GOLD,SOLDER AREA:MATTE TIN80U"
 □E:CONTACT AREA:15U"GOLD,SOLDER AREA:MATTE TIN80U"
 □F:CONTACT AREA:20U"GOLD,SOLDER AREA:MATTE TIN80U"
 □G:CONTACT AREA:30U"GOLD,SOLDER AREA:MATTE TIN80U"

SHELL PLATING & SALT
 □A:NI PLATING (8h)
 □B:NI PLATING (24h)
 □C:NI PLATING (48h)

3	SHELL	1	C2680 R-H (T=0.5mm)	NICKEL(120U"min) PLATING OVER ALL.	-
2	TERMINAL	19	C2680 R-H	GOLD FLASH(0.8U"min) PLATING ON CONTACT AREA AND MATTE TIN(80U"min) PLATING ON SOLDER AREA,NICKEL(40U") UNDER PLATING OVER ALL.	-
1	HOUSING	1	LCP	Choose from P/N item color	-
NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK

Tolerance X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±3.0°	MODEL NAME:HDMI CONNECTOR MODEL No:HD1080W-XXXX-19XXXXX	DRAWING: David Zhou CHECKED: David Zhou
UNIT:mm	SCALE:1:1 REVISION A0 SHEET 1/2	APPROVED:Jacky Lee DATE: 2014.03.12
菱揚精密有限公司 Ling Yang Precision Co.,Ltd		FILE: CD/LINGYANG DWG NO. HD1080W-A001