

RECOMMENDED PCB LAYOUT(TOP VIEW)

NOTE:

1.MATERIAL:

- 1.1 HOUSING: LCP,Black
- 1.2 CONTACT: BRASS
- 1.3 SHELL: SUS

2.PLATING :

- 2.1 CONTACT: PLATED GOLD IN MATING AREA ;
TIN PLATED ON SOLDER BALLS ;
NICKEL UNDER PLATED OVERALL
- 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER

3.ELECTRICAL:

- 3.1 RATING CURRENT: 0.5A
- 3.2 CONTACT RESISTANCE: 30 mΩ Max
- 3.3 INSULATION RESISTANCE: 100MΩ Min
- 3.4 WITHSTANDING VOLTAGE: 500V AC / minuteM

PIN	Signal Assignments
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	Reserved (N.C. on device)
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

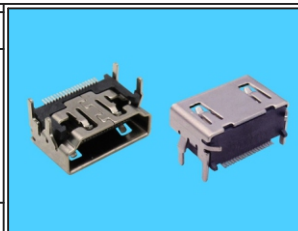
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°



ORDER INFORMATION

HDMI-SWM15-19-LF
SERIES | LEADFREE
19 WAY
METAL FOOT 15.70mm
90°SMT
FEMALE

DESCRIPTION: HDMI A/F SHELL DIPX4 本體L:10.0

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