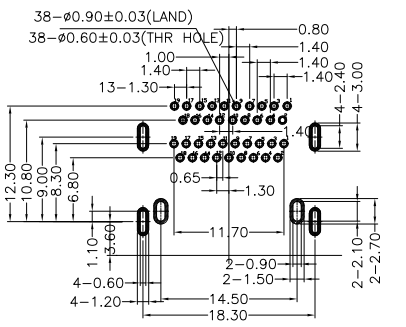


**SPECIFICATIONS**

1. HDMI
- 1.1 Voltage: 40 VAC(RMS) Max.
- 1.2 Current Rating: 0.5 Ampere per Contact
- 1.3 Contact Resistance: 30 Milliohms Max.
- 1.4 Insulation Resistance: 100 Megohms Min.
- 1.5 Dielectric Withstanding Voltage:  
Unmated connectors, apply: 500Volts AC (RMS)  
Mated connectors, apply: 300Volts AC (RMS)
- 1.6 Total Mating Force: 4.5 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -40°C to +85°C
- 1.9 Support HDMI 2.1a version

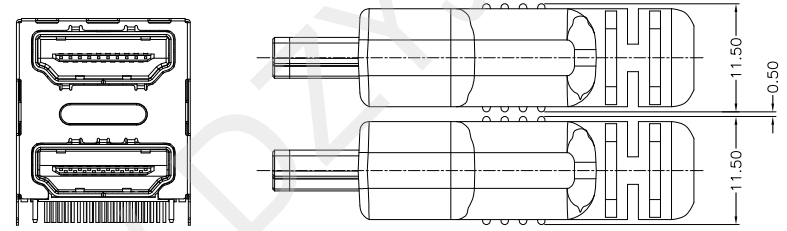
**NOTES**

1. MATERIAL:
  - Housing: LCP Halogen-free, UL 94V-0, Color: Black.
  - molding: LCP Halogen-free, UL 94V-0, Color: Black.
  - Terminal: Copper Alloy.
  - Shell(UPPER): Steel-C2680.
  - Shell(HDMI): Steel-C2680.
  - Shield(FRONT): Stainless Steel.
  - Shield(BACK): Stainless Steel.
  - EMI SLICE :Stainless Steel.
2. FINISH:
  - Terminal: Selected Gold Plated in Contact Area, 100u" MIN. Tin Plated in Solder Area, 50u" MIN. Nickel Underplated Overall.
  - Shell(UPPER): Solderable Nickel Plated 50u" MIN, Overall.
  - Shell(HDMI): Solderable Nickel Plated 50u" MIN, Overall.
  - Shield(FRONT): Solderable Nickel Plated 50u" MIN, Overall.
3. This Product is RoHS & HALOGEN-FREE Compliance Product.



RECOMMENDED P.C.B. LAYOUT(TOP VIEW)  
TOL IS ±0.05 THICKNESS=1.6 ALL POSITION TOL  $\begin{matrix} \square \\ \square \\ \square \end{matrix} \begin{matrix} X \\ Y \\ Z \end{matrix}$

INSPECTION DIMENSION:(A)~(D)



**PIN ASSIGNMENTS**

PIN NO.	SIGNAL NAME	PIN NO.	SIGNAL NAME
P1<P1'>	TMDS DATA2+	P2<P2'>	TMDS DATA2 SHIELD
P3<P3'>	TMDS DATA2-	P4<P4'>	TMDS DATA1+
P5<P5'>	TMDS DATA1 SHIELD	P6<P6'>	TMDS DATA1-
P7<P7'>	TMDS DATA0+	P8<P8'>	TMDS DATA0 SHIELD
P9<P9'>	TMDS DATA0-	P10<P10'>	TMDS CLOCK+
P11<P11'>	TMDS CLOCK SHIELD	P12<P12'>	TMDS CLOCK-
P13<P13'>	CEC	P14<P14'>	RESERVED (N.C. IN DEVICE)
P15<P15'>	SCL	P16<P16'>	SDA
P17<P17'>	DDC/CEC GROUND	P18<P18'>	+5V POWER
P19<P19'>	HOT PLUG DETECT		



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<b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2' X.X' ±0.5'  UNIT: mm [inch] SCALE:1:1 SIZE: A4	<b>DRAWN BY :</b> 陈一鸣	<b>DATE :</b> 2014-02-23	<b>PART NAME:</b> HDMI2.1+HDMI2.1 双层 针长2.2
	<b>CHECKED BY:</b> 马跃	<b>DATE :</b> 2014-02-23	<b>PART NO.</b> HVC171-HDMI A38-220
	<b>APPROVED BY:</b> 邱敏	<b>DATE :</b> 2014-02-23	<b>DRAW NO:</b> HVC-2605111514
			<b>SHEET NO.</b> 1 OF 1