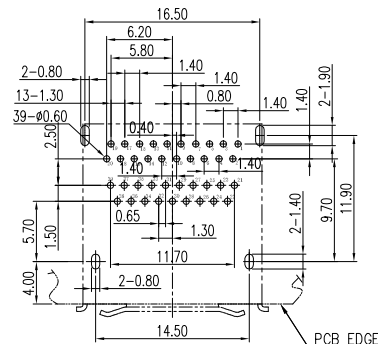
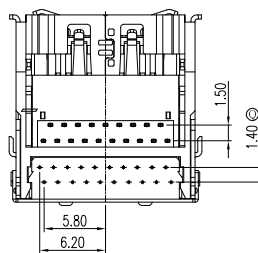
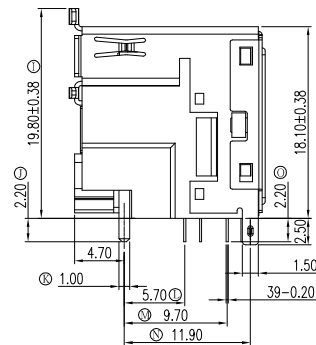
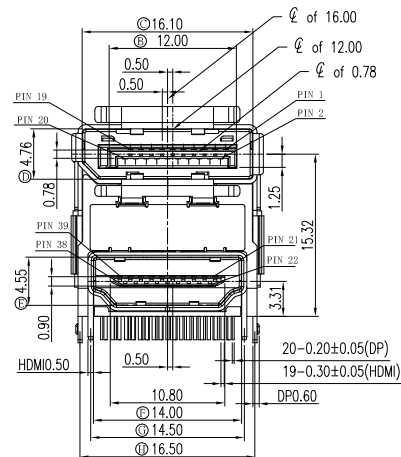
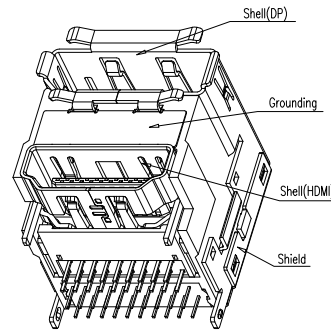
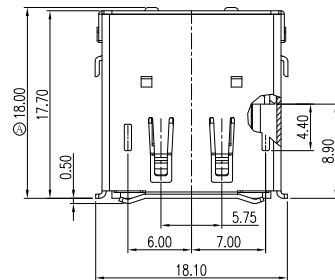




RECOMMENDED P.C.B. LAYOUT
THICKNESS=1.6±0.10mm

NOTES

1. MATERIAL:

Housing(DP):PBT, UL 94V-0, Color:Black.

Housing(HDMI):LCP, UL 94V-0, Color:Black.

Terminal:Copper Alloy.

Shell(DP):Stainless Steel.

Shell(HDMI):Stainless Steel.

Shield:Stainless Steel.

Grounding:Stainless Steel.

2. FINISH:

Terminal:Selected Gold Plated in Contact Area,

100u" MIN. Matte Tin Plated in Solder Area,

30u" MIN. Nickel Underplated Overall.

Shell(DP) :Solderable Nickel Plated 80u" MIN, Overall.

Shell(HDMI) :Solderable Nickel Plated 80u" MIN, Overall.

3. This Product is RoHS Compliance Product.

SPECIFICATIONS

1. Displayport AND 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 Display Port 2.0 version

2.0 Support HDMI 2.1a version

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±
.X ±
.XX ± 0.25
.XXX ± 0.13
ANG ± 2°

照片框

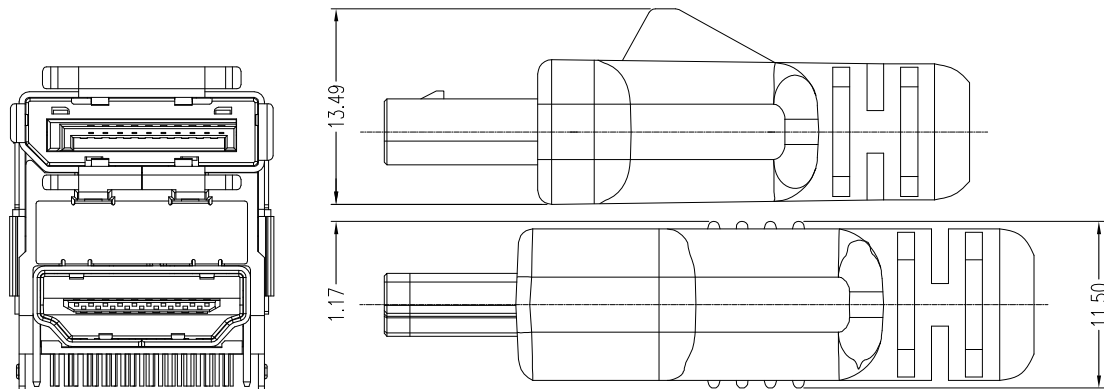
ORDER INFORMATION

DISPHDMI-FRX2-2019-LF

SERIES

LEADFREE
20+19 WAY
2 ROW
NON POST
DIP 90°
FEMALE

DESCRIPTION: DISPLAYPORT AND HDMI COMBO RECPTACLE DIP MOLDING TYPE CONNECTOR



HDMI		DISPLAYPORT		
PIN No.	PIN ASSIGNMENT	PIN No.	SOURCE-SIDE PIN ASSIGNMENT	SINK-SIDE PIN ASSIGNMENT
P21	TMDS DATA2+	P1	ML_Lane 0(p)	ML_Lane 3(n)
P22	TMDS DATA2 SHIELD	P2	GND	GND
P23	TMDS DATA2-	P3	ML_Lane 0(n)	ML_Lane 3(p)
P24	TMDS DATA1+	P4	ML_Lane 1(p)	ML_Lane 2(n)
P25	TMDS DATA1 SHIELD	P5	GND	GND
P26	TMDS DATA1-	P6	ML_Lane 1(n)	ML_Lane 2(p)
P27	TMDS DATA0+	P7	ML_Lane 2(p)	ML_Lane 1(n)
P28	TMDS DATA0 SHIELD	P8	GND	GND
P29	TMDS DATA0-	P9	ML_Lane 2(n)	ML_Lane 1(p)
P30	TMDS CLOCK+	P10	ML_Lane 3(p)	ML_Lane 0(n)
P31	TMDS CLOCK SHIELD	P11	GND	GND
P32	TMDS CLOCK-	P12	ML_Lane 3(n)	ML_Lane 0(p)
P33	CEC	P13	CONFIG1	CONFIG1
P34	RESERVED (N.C. ON DEVICE)	P14	CONFIG2	CONFIG2
		P15	AUX CH (p)	AUX CH (p)
P35	SCL	P16	GND	GND
P36	SDA	P17	AUX CH (n)	AUX CH (n)
P37	DDC/CEC GROUND	P18	HOT PLUG DETECT	HOT PLUG DETE
P38	+5V POWER	P19	RETURN	RETURN
P39	HOT PLUG DETECT	P20	DP PWR	DP PWR

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