

DATE CODE OPTIONAL
FRONT TWAIN CODE IS YEAR CODE
BACK TWAIN CODE IS WEEK CODE

TABLE A:

ITEM	PART NAME	Q'TY	MATERIALS	NOTES
⑦	HDMI CONTACT	19	C2680	SELECTIVER Au OVER Ni
⑥	DISPLAYPORT CONTACT	20	C2680	SELECTIVER Au OVER Ni
⑤	BACK SHELL	1	SPCC	Cu UNDER PLATING Ni OVER
④	HDMI SHELL	1	C2680	Cu UNDER PLATING Ni OVER
③	DISPLAYPORT SHELL	1	C2680	Cu UNDER PLATING Ni OVER
②	SPACER	1	LCP	UL94V-0
①	HOUSING	1	LCP	UL94V-0

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES
煜倫股份有限公司
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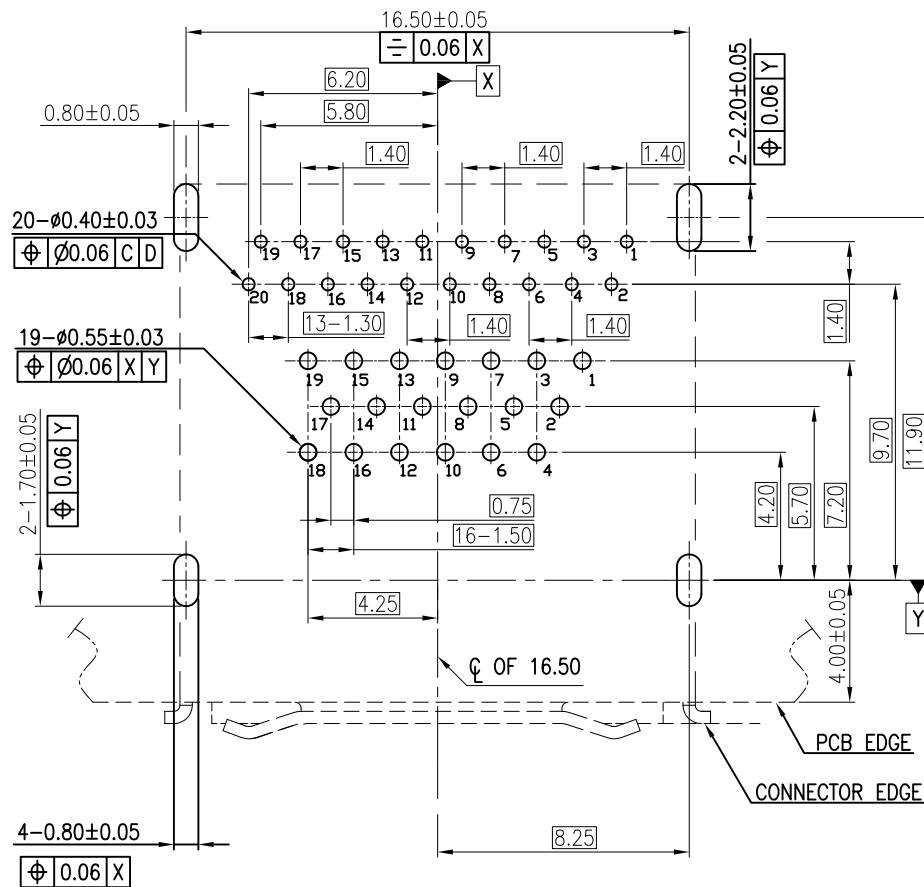
DRAWING BY	CY	X. ± 0.50
CHECKED BY	GENIUS	.X ± 0.30
UNIT / mm	SCALE 1:1	.XX ± 0.20
DATE		.XXX ± 0.10
SIZE A4	PJECTION	ANG ± 1°



ORDER INFORMATION

DISPHDMI-FRX-2019-LF
DISPLAYPORT+HDMI | LEADFREE
| 20P+19P
| NON POST
| DIP 90°
| FEMALE

DESCRIPTION: DOUBIE DISPLAYPORT COMBO RECEPTACLE DIP TYPE CONNECTOR



RECOMMENDED PCB LAYOUT (SCALE 2:1)
THICKNESS=1.6±0.10mm

DisplayPort PIN Number	Signal Name	HDMI TYPE A PIN Number	Signal Name
A1	LANE_OP	B1	TMDS_DATA2+
A2	GND1	B2	TMDS_DATA2_SHIELD
A3	LANE_ON	B3	TMDS_DATA2-
A4	LANE_1P	B4	TMDS_DATA1+
A5	GND2	B5	TMDS_DATA1_SHIELD
A6	LANE_1N	B6	TMDS_DATA1-
A7	LANE_2P	B7	TMDS_DATA0+
A8	GND3	B8	TMDS_DATA0_SHIELD
A9	LANE_2N	B9	TMDS_DATA0-
A10	LANE_3P	B10	TMDS_CLK+
A11	GND4	B11	TMDS_CLK_SHIELD
A12	LANE_3N	B12	TMDS_CLK-
A13	CONFIG1	B13	CEC
A14	CONFIG2	B14	RESERVED
A15	AUX_P	B15	SCL
A16	GND5	B16	SDA
A17	AUX_N	B17	DDC_CEC GROUND
A18	HPD	B18	+5 POWER
A19	Return DP PWR	B19	HOT PLUG DETECT
A20	DP_PWR		

NOTE:

1. MECHANICAL:

1.1 INSERTION FORCE:

- 1.1.1 HDMI:44.1N MAX
- 1.1.2 DISPLAYPORT:44.1MAX

2.1 WITHDRAWAL FORCE:

- 2.1.1 HDMI:9.8N MIN,39.2N MAX
- 2.1.2 DISPLAYPORT:9.8N MIN,39.2N MAX

2.ELECTRICAL:

2.1 CONTACT CURRENT RATING:

- 2.1.1 HDMI:0.5A MAX
- 2.1.2 DISPLAYPORT:0.5A MAX

2.2 VOLTAGE RATING:

2.2.1 HDMI:40V AC(RMS)

2.2.2 DISPLAYPORT:40V AC(RMS)

2.3 WITHSTANDING VOLTAGE(MATED):

- 2.3.1 HDMI:300V AC(RMS)
- 2.3.2 DISPLAYPORT:300V AC(RMS)

2.4 INSULATION RESISTANCE(MATED):

- 2.4.1 HDMI:150V DC
- 2.4.2 DISPLAYPORT:150V DC

3. ENVIRONMENTAL:

3.1 OPERATING TEMPERATURE:

- 3.1.1 HDMI:-25° TO +85°
- 3.1.2 DISPLAYPORT:-25° TO +85°

RoHS Compliant

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PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

X. ± 0.50

CHECKED BY GENIUS

.X ± 0.30

UNIT / mm

SCALE 1 : 1

.XXX ± 0.20

DATE

ANG ± 1°

SIZE A4

PJECTION

照片框

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