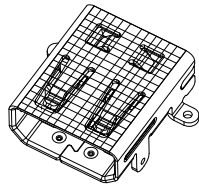
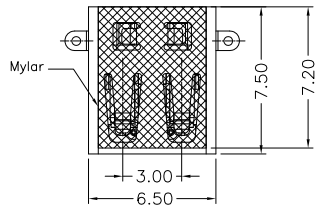


MECHANICAL:



PIN	Signal Assignment	PIN	Signal Assignment
1	Hot Plug Detect	2	Utility
3	TMDS Data2+	4	TMDS Data2 Shield
5	TMDS Data2-	6	TMDS Data1+
7	TMDS Data1 Shield	8	TMDS Data1-
9	TMDS Data0+	10	TMDS Data0 Shield
11	TMDS Data0-	12	TMDS Clock+
13	TMDS Clock Shield	14	TMDS Clock-
15	CEC	16	DDC/CEC Ground
17	SCL	18	SDA
19	+5V Power		

NOTE:

1.MATERIAL AND FINISH SEE THE TABLE.

2.MECHANICAL CHARACTERISTICS

INSERTION FORCE: 44.1N MAX

EXTROCTION FORCE: 5N MIN(AFTER 5000 CYCLES

3N MIN.), 25N MAX.

MATING CYCLE:5000 CYCLES

3.ELECTRICAL CHARACTERISTICS

RATING CURRENT: 0.5A

RATING VOLTAGE: 40V

CONTACT RESISTANCE: 10 MILLOHMS OHMS MAX

(EXCLDUIING CONDUCTOR RESISTANCE)

INSULATION RESISTANCE:

a, UNMATED: 100M OHMS MIN AT 500 VDC

b, MATED: 10M OHMS MIN AT 150 VDC

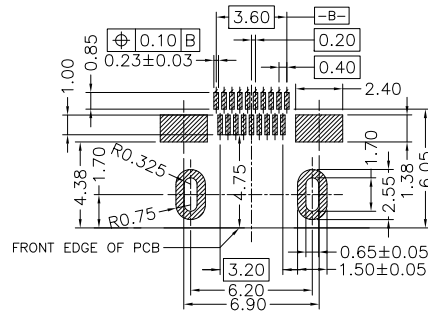
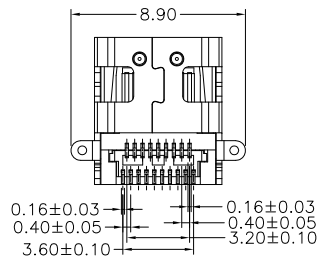
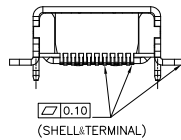
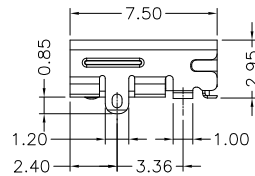
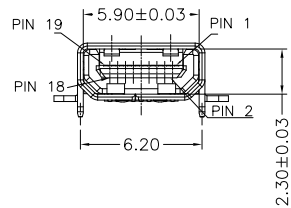
DIELECTRIC WITHSTANDING VOLTAGE:

250V AC/1MINUTE

OPERATING TEPERATURE: -20°C--+85°C

STORAGE TEMPERATURE: -20°C--+85°C

4.TAPE REEL PACKAGE, 1000PCS/Reel



RECOMMENDED PCB LAYOUT(XX±0.05)
CONNECTOR SIDE(TOP VIEW)

3	SHELL	1	SUS NI 50U" PLATING ALL OVER
2	TERMINAL	19	C2680R-H SEE PART NO.
1	HOUSING	1	LCP E130i UL94V-0 BLACK
NO	PART NAME	QTY	MATERIAL PLATING & COLOR



Champyang International Ltd., Co

A0			
REV	RELEASED	Allen	2019-06-27
	DESCRIPTION.	APPD.	Date

FILE NO: AHD04 (Series)	TITLE 圖 名	HDMI SMT type shell DIP & SMT	UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm	PART NO. 料 號	AHD04-541-DR-A	SCALE 比例	1:1
	DRAWN BY 製 圖	Ben	DATE 日期	2019-06-27
	CHECKED BY 審 核	Allen	DATE 日期	2019-06-27
				REV. 版本
				A0