

标 记
MARKECN编号/变更内容
ECN NO/DEFINITION修 改
REVISE日 期
DATE核 准
APPROVE

PIN	Signal Assignment	PIN	Signal Assignment
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		Utility
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

NOTES:

1. MATERIAL:

1-1 HOUSING:LCP WITH 30% G/F COLOR:BLACK.

1-2 CAP:LCP WITH 30% G/F COLOR:BLACK.

1-3 TERMINAL:COPPER ALLOY T=0.20mm

1-4 SHELL:COPPER ALLOY T=0.50mm

2. PLATING:

2-1 TERMINAL:

(SEE P/N.)GOLD PLATED ON CONTACT AREA

AND 100μ" MIN. MATTE-TIN ON SOLDER TAIL,

WITH ENTIRE CONTACT UNDERPLATED 80μ" MIN. NICKEL.

2-2 SHELL:50μ" MIN. NICKEL PLATED.

3. MECHANICAL PERFORMANCE

3-1 INSERTION FORCE: 4.5kgf MAX

REMOVAL FORCE: 1kgf MIN; 4.0kgf MAX

DURABILITY:5000 CYCLES

4. ELECTRICAL PERFORMANCE:

4-1 Current Rating: 0.5A

4-2 Voltage Rating: 40V AC

4-3 CONTACT RESISTANCE:INITIAL 30mΩ MAX.

AFTER TEST: Δ10 mΩ MAX

4-4 DIELECTRIC STRENGTH:UNMATED CONNECTORS APPLY 500V AC

MATED CONNECTOR APPLY 300V AC

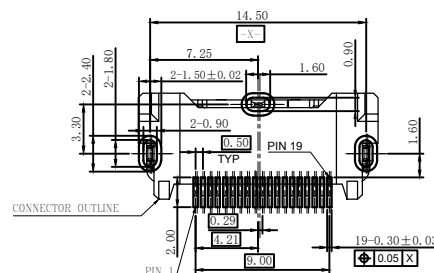
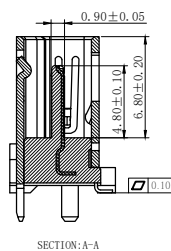
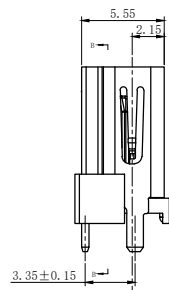
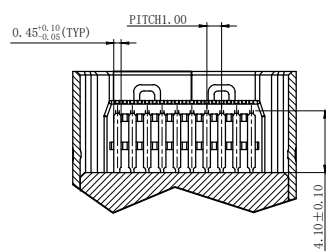
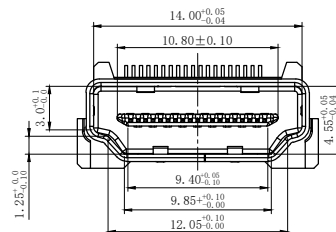
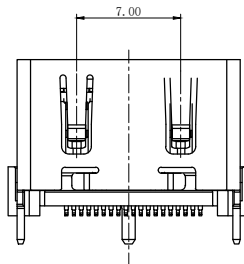
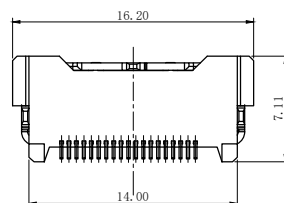
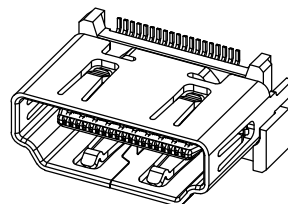
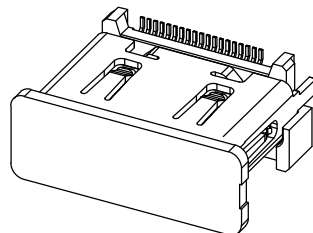
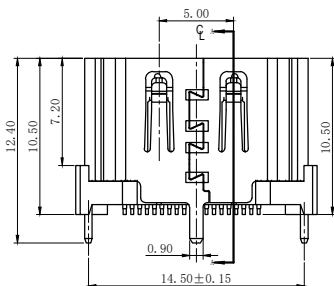
4-5 INSULATION RESISTANCE:100 MEGAOHMS MIN. (UNMATED)

10 MEGAOHM S MIN. (MATED)

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25° C~+85° C

SALT SPRAY:24H



RECOMMENDED P.C.B. LAYOUT (T:1.20~1.60mm)

TOLERANCE UNSPECIFIED ±0.05mm

3	外壳	铜	镀镍	
2	接触	铜	镀金	
1	基座	LCP	黑色	
序号	品名	材质	电镀/颜色	备注



深圳市虹成电子有限公司

GENERAL TOLERANCES
(UNLESS SPECIFIED)比 例
SCALE

1:1

单 位
UNIT

MM

张 数
PART NO

1 OF 1

版 本
REV

A

品 名
TITLE

HDMI座

料 号
PART NO

HC-HDMI0019L-006C

制 图
DRAW

AhYe

审 核
CHECKED

夏操云

批 准
APPROVE

赵亮亮

