

RoHS Compliant

REV.	ECN NO	LTR	DESCRIPTION	REVISER	DATE
A/0			Initial_release.	JN	2021.06.25
A/1		△	新修订品名为热封包装	JN	2022.02.22

NOTE:

1. MATERIAL:

- 1.1 INSULATOR: LCP, UL94V-0, COLOR: BLACK
- 1.2 CONTACT: PHOSPHOR COPPER T=0.12mm
- 1.3 SHELL: PHOSPHOR COPPER T=0.30mm

2. PLATING:

- 2.1 CONTACT: GOLD G/F PLATED ON CONTACT AREA
GOLD G/F PLATED ON SOLDER TAIL
50u" Min. NICKEL UNDER-PLATED
- 2.2 SHELL: 50u" Min. NICKEL PLATED OVERALL

3. CHARACTERISTICS:

- 3.1 ELECTRICAL CHARACTERISTICS:
CONTACT CURRENT RATING : 0.5 AMPS
CONTACT RESISTANCE : 30 MILLIOHMS MAX.
DIELECTRIC WITHSTANDING VOLTAGE : 500 V AC MIN.
INSULATION RESISTANCE : 100 MEGAOHMS MIN.

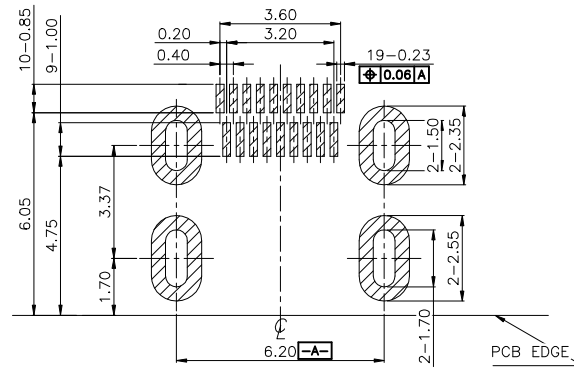
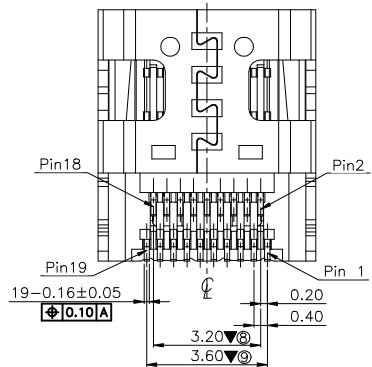
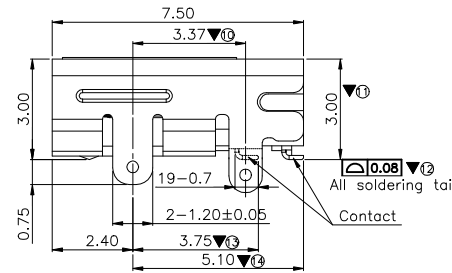
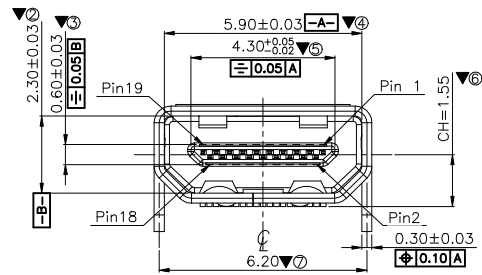
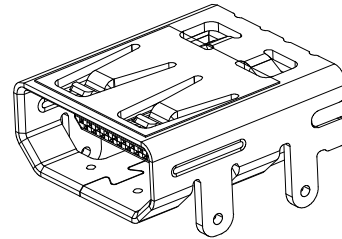
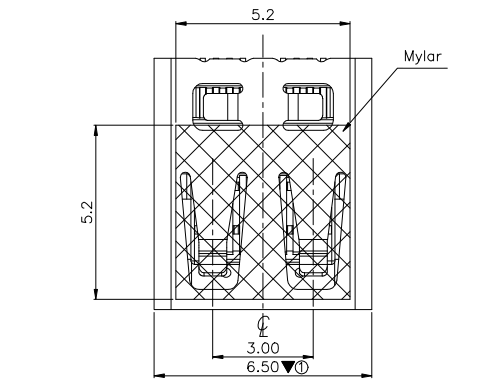
3.2 MECHANICAL:

- MATING FORCE: 44.1N Max.
- UNMATING FORCE: 5N~25N
- DURABILITY TEST: 5000 CYCLES.

4. ENVIRONMENTAL

TEMPERATURE RATING : -25°C ~ +85°C

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		



RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE: ±0.05mm)

图号 (DWG NO)	G-306-S1-536	单位 (UNIT):	MM	显赫电子科技有限公司 XianHe Electronic Technology co., ltd. TEL:0769-89138899 FAX:0769-89100950	
类别 (DWG TYPE)	BRKE DWG	比例 (SCALE):	1:1		
版次 (REV):	A/1	页次 (PAGE):	1/1		
设计 (DESIGN)	JN	未注公差 TOLERANCE UNSPECIFIED	.X.X ± 0.38 .X.XX ± 0.20 .X.XXX ± 0.10 * ± 5° X.X' ± 2°	品名 (ITEM NO)	HDMI D TYPE FEMALE 两排SMT LCP黑色 全金G/F, 贴喷拉, 白色透明载带热封包装 环保 △
审核 (CHECKED)				料号 (PART NO)	30619FK1CM2
核准 (APPROVED)					