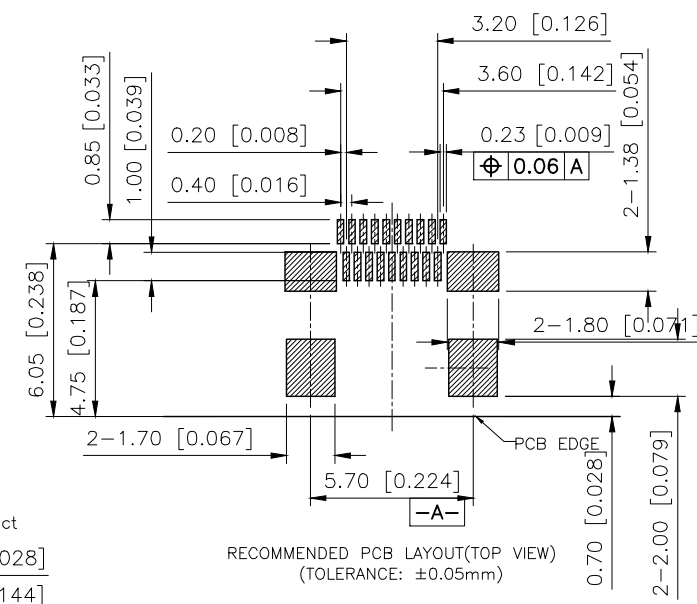
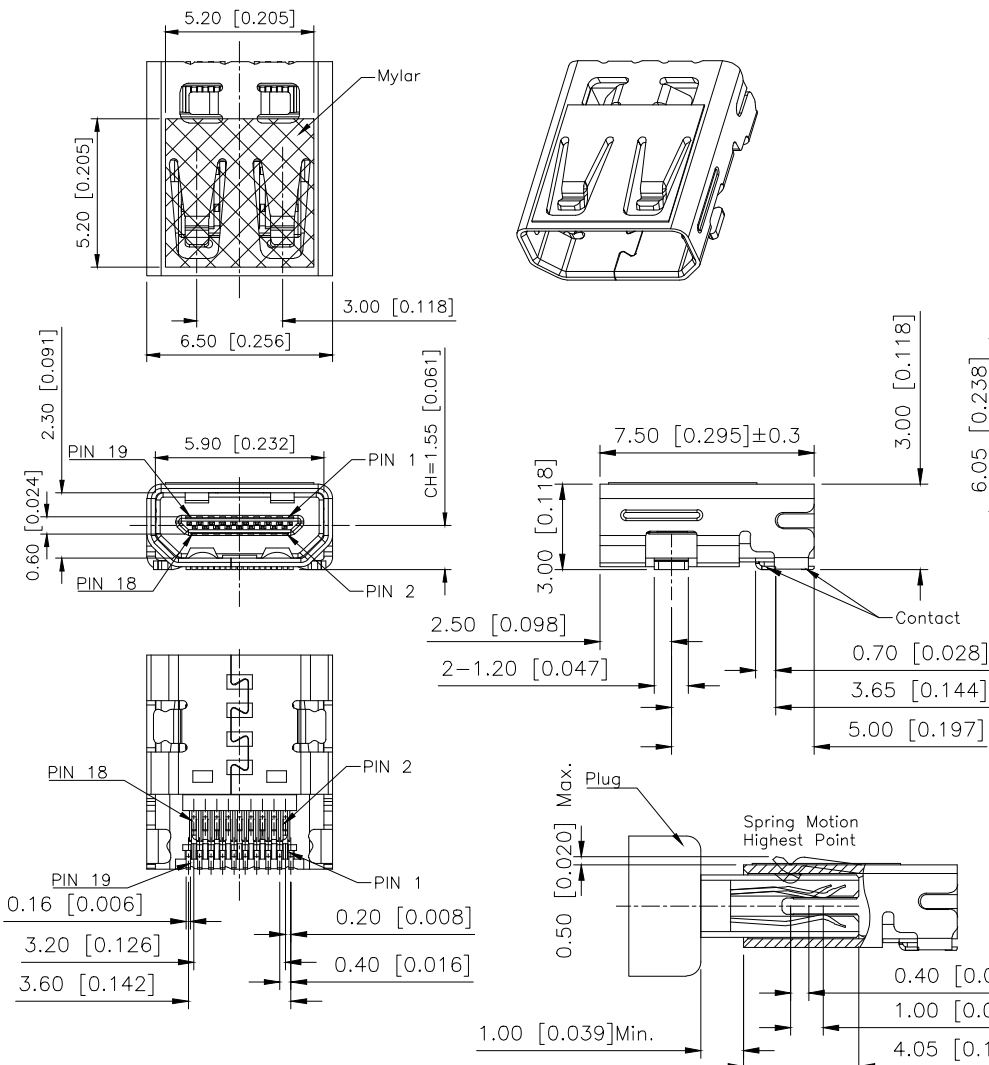


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.0.24	

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



A73-01H3-1X1N2

1:Au 1U"
5:Au 15U"
6:Au 30U"

- Notes:
- Materials
 - a.Housing: LCP+30% G/F, Black, UL94 V-0;
 - b.Contact: Phosphor Copper (C5191), Gold Plating at mating area, Matte Tin or Au Plating at solder tail, all over Nickel;
 - c.Shell: Phosphor Copper (C5191)
 - Ratings
 - a.Current Rating: 0.3A ;
 - b.Operating Temperature: -40 ~ 85 ;
 - Electrical Requirement:
 - a.Excluding Conductor Resistance 10mΩ Max(Target design value)
Contact: 30mΩ Max. changed (Final), Shell: 50mΩ Max. Changed (Final);
 - b.Dielectric Withstanding Voltage: 150V AC (RMS) for 1 minute (Mated), 250V AC (RMS) for 1 minute (Unmated);
 - c.Insulation Resistance: 10MΩ Min. @ 150V DC (Mated), 100MΩ Min. @ 500V DC; (Unmated)
 - Mechanical Performance:
 - a.Insertion force: 44.1N (4.5Kgf) Max.
 - b.Withdrawal force: 4.9~25N (0.5~2.5Kgf);
 - IR Reflow: the peak temperature on board shall be maintained for 10 seconds at 260 ±5

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN		VIEW:	MODEL TYPE: HDMI CONNECTOR
CHECKED		UNIT: mm/in	PART NO.: A73-01H3-1X1N2
APPROVED		SIZE: A4	DWG NO.: