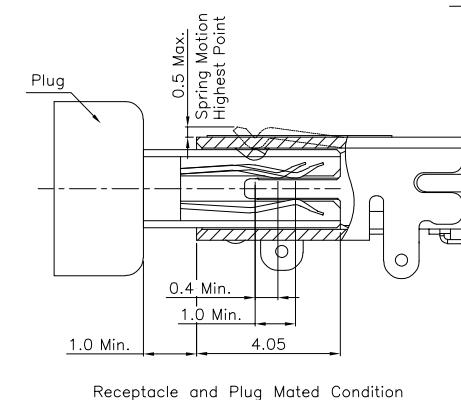
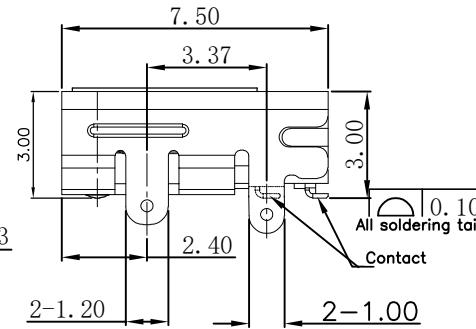
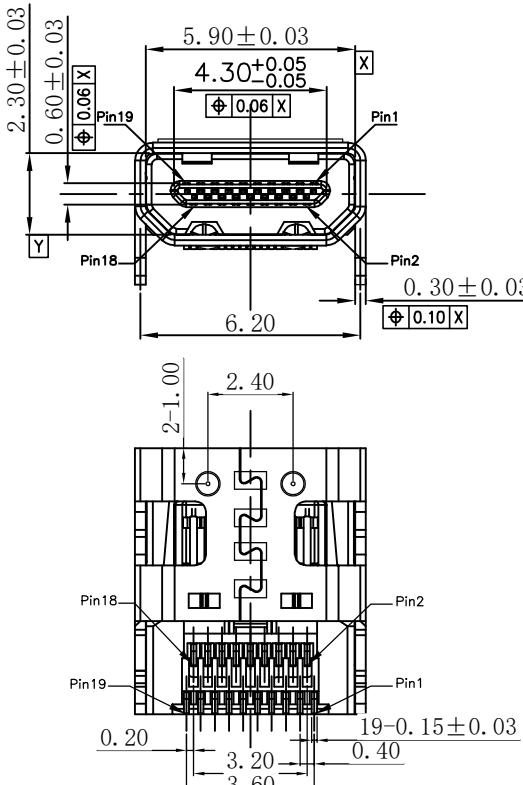
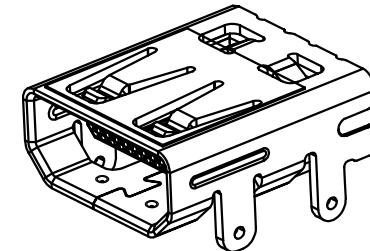
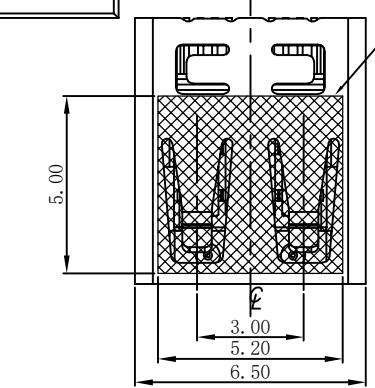


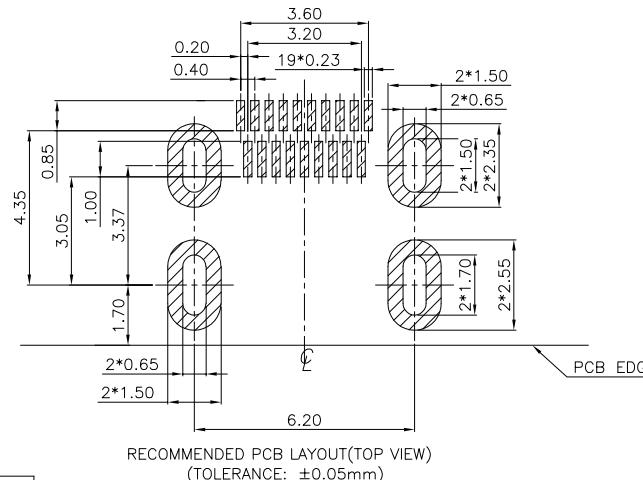
RoHS



REV.	DESCRIPTION.	ECN NO.	DWG.	CKD.	APPD.	DATE.
A	NEW			Jack	JACK	L.Z.R 2024-05-25
B	添加Mylar、凸包、shell铆合示意	ECN20250522001		Jack	JACK	L.Z.R 2025-05-22

Notes:

1. Materials
 - a. Housing: LCP+30% G/F, Black, UL94 V-0;
 - b. Contact: C7025-H;
 - c. Shell: C5191-H;
2. Ratings
 - a. Current Rating: 0.3A ;
 - b. Operating Temperature: -40°C ~ 85°C;
3. Electrical Requirement:
 - a. LLCR: 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);
4. Mechanical Performance:
 - a. Insertion force: 44.1N (4.5Kgf) Max.;
 - b. Withdrawal force: 4.9~25N (0.5~2.5Kgf);
 - c. Durability life: 5,000 Cycles;
5. IR Reflow: the peak temperature on board shall be maintained for 10 seconds at 260±5°C.
6. How to order:

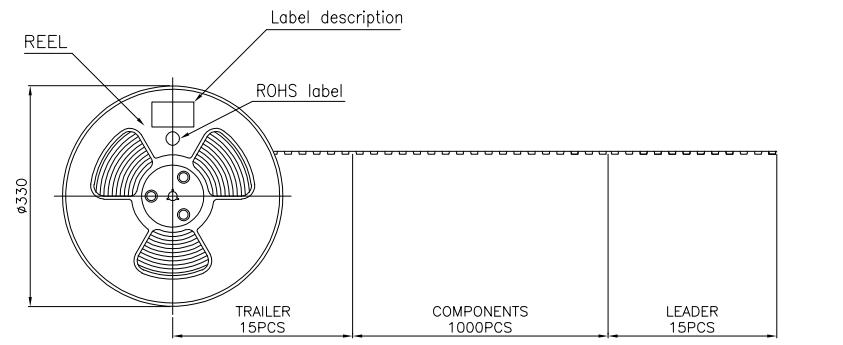


PIN	Signal Assignment
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SCL
18	SDA
19	+5V Power

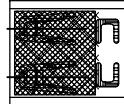
TOLERANCES UNLESS OTHERWISE SPECIFIED		深圳市辉焕科技有限公司	
UNIT	(MM)	ORIGINAL DATA	TITLE
X.	±0.55	2025-05-22	HDMI Type D 19Pin,板上型CH=1.55,双排SMT,外壳前插后贴
X.X	±0.35		
X.XX	±0.25		
X.XXX	±0.15		
ANGLE	±2°		
3RD. ANGLE'S		PART NO.	SCALE
		HDMI -GD0002-2. 1	1:1
CKD.	JACK	SIZE	A4
APPD.	L.Z.R	DWG NO.	REV.
		HDMI -GD0002-2. 1	1/2

RoHS

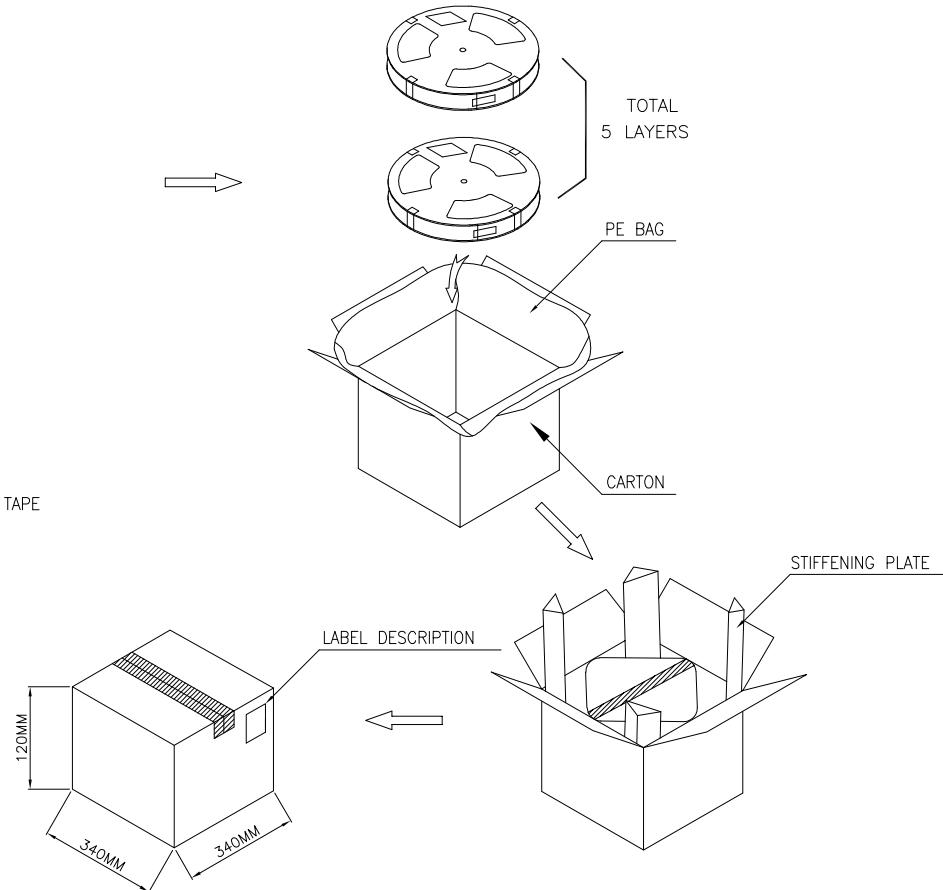
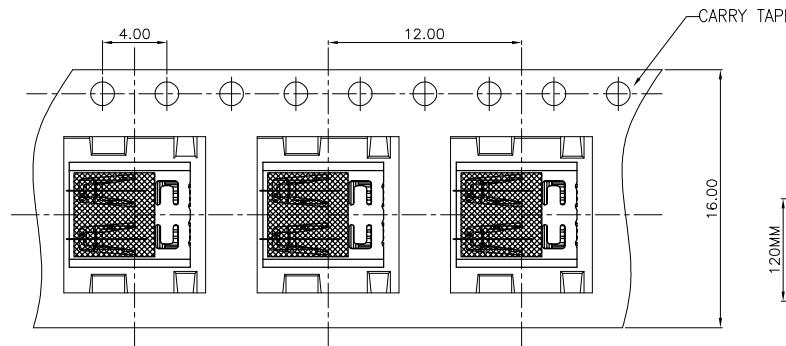
REV.	DESCRIPTION.	ECN NO.	DWG.	CKD.	APPD.	DATE.
A	NEW		Jack	JACK	L.Z.R	2024-05-25



GATHER MATERIAL DIRECTION INPUT MATERIAL DIRECTION



HDMI



- Notes:
1. The start and end of each reel, based on the actual quantity, reserved 15pcs space;
 2. Peel off force of top tape: 10g~130g, peel deg.:165°~175°;
 3. Peel speed: 250~300mm/min;
 4. Carton size: 340*340*120mm.
 5. QTY: 1000pcs/reel, 5reel/carton, total 5000pcs/carton;

UNIT (MM)	TOLERANCES UNLESS OTHERWISE SPECIFIED		
	X. ± 0.55	X.X ± 0.35	X.XX ± 0.25
X.XXX ± 0.15	ANGEL $\pm 2^\circ$	ORIGINAL DATA 2022-05-25	TITLE HDMI Type D 19Pin,板上型CH=1.55,双排 SMT,外壳前插后贴
3RD. ANGLE'S 	CKD. JACK	PART NO. HDMI -GD0002-2.1	SCALE 1:1
APPD. L.Z.R	DWG NO. HDMI -GD0002-2.1	SHEET 2/2	REV. A