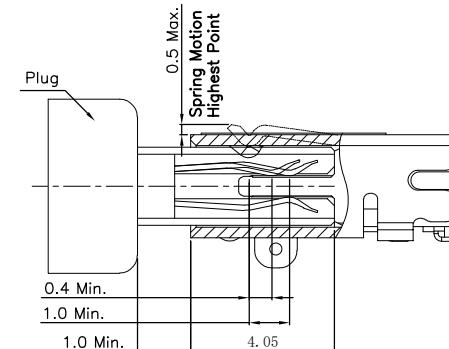
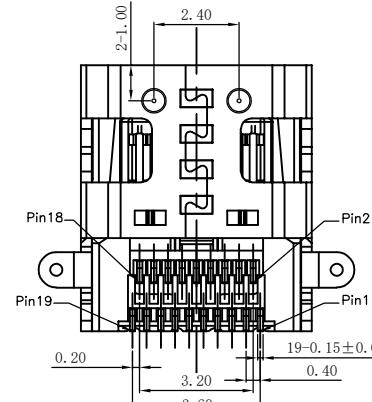
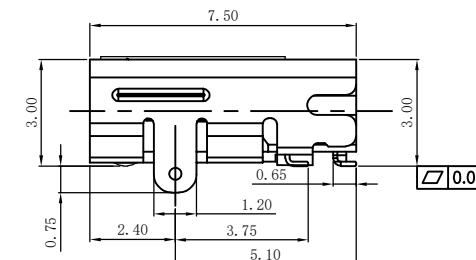
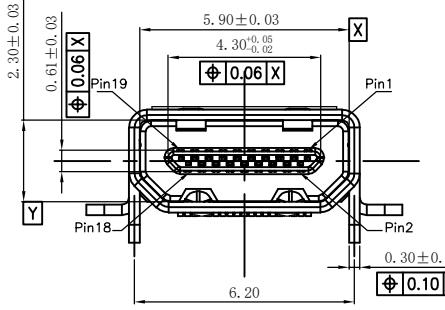
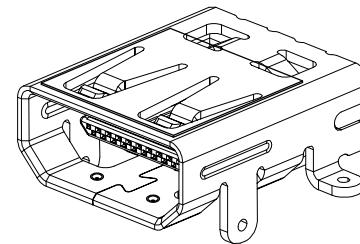
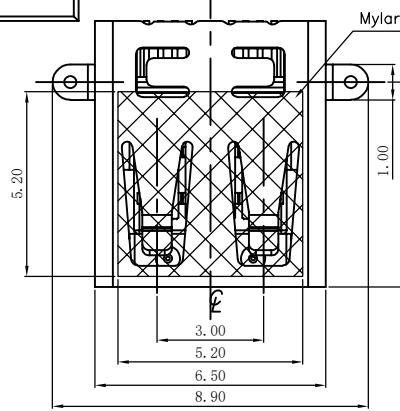


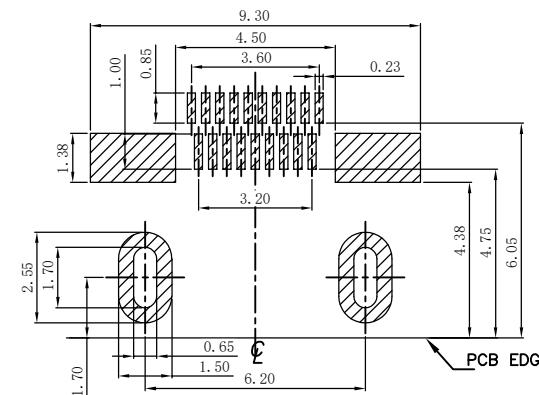
**RoHS**

Receptacle and Plug Mated Condition

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

## Notes:

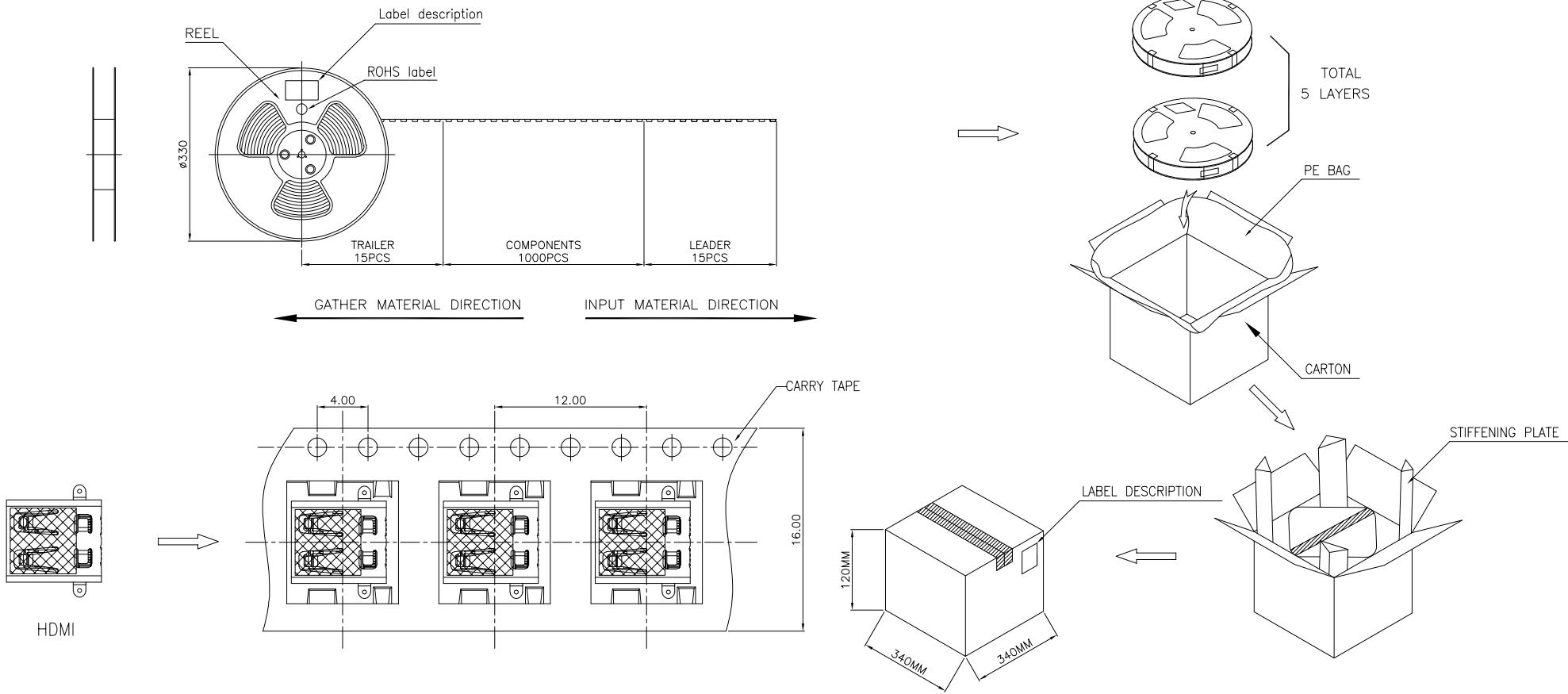
1. Materials
  - a. Housing: LCP+30% G/F, Black, UL94 V-0;
  - b. Contact: C7025-H;
  - c. Shell: C5191-H;
2. Ratings
  - a. Current Rating: 0.3A ;
  - b. Operating Temperature: -40°C ~ 85°C;
3. Electrical Requirement:
  - a. LLCR: Excluding Conductor Resistance 10mΩ Max.(Target design value), Contact: 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:

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

TOLERANCES UNLESS OTHERWISE SPECIFIED		深圳市辉煌科技有限公司		
UNIT (MM)	ORIGINAL DATA	TITLE		
X. ±0.55	2024-05-25	HDMI Type D 19Pin,板上型CH=1.55,双排SMT,外壳前插后贴(GD0001-2.1)		
X.X ±0.35		DWG. Jack		
X.XX ±0.25		CKD. JACK		
X.XXX ±0.15		PART NO. HDMI-GD0001-2.1		
ANGEL ±2°		SCALE 1:1		
3RD. ANGLE'S		SIZE A4		
		APPD. L.Z.R		
		DWG NO. HDMI-GD0001-2.1		
		SHEET 1/2		
		REV. A		

**RoHS**

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



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°; peel speed: 250~300mm/min;
3. Carton size: 340\*340\*120mm.
4. QTY: 1000pcs/reel, 5reel/carton, total 5000pcs/carton;

TOLERANCES UNLESS OTHERWISE SPECIFIED		深圳市辉焕科技有限公司		
UNIT (MM)		ORIGINAL DATA	TITLE	
X.	$\pm 0.55$	2022-05-25	HDMI Type D 19Pin,板上型CH=1.55,双排SMT,外壳前插后贴(GD0001-2.1)	
X.X	$\pm 0.35$			
X.XX	$\pm 0.25$			
X.XXX	$\pm 0.15$			
ANGLE	$\pm 2^\circ$			
3RD. ANGLE'S		CKD.	PART NO.	SCALE
		JACK	HDMI-GD0001-2.1	1:1
		APPD.	DWG NO.	SIZE
		L.Z.R	HDMI-GD0001-2.1	A4
			SHEET	REV.
			2/2	A