

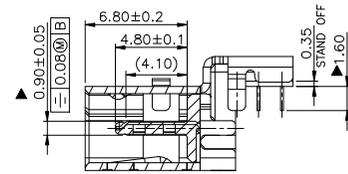
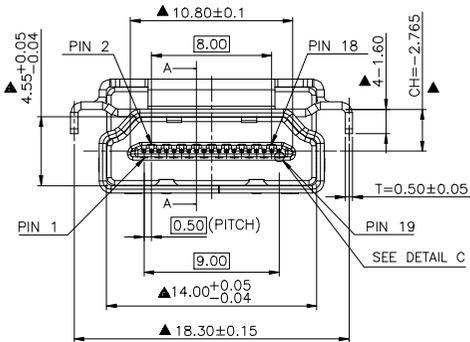
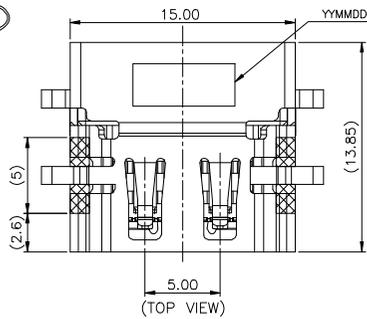
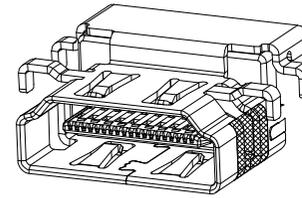
RoHS
HF

HDMI Type-A PIN ASSIGNMENTS

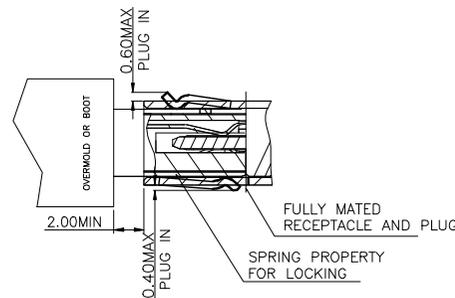
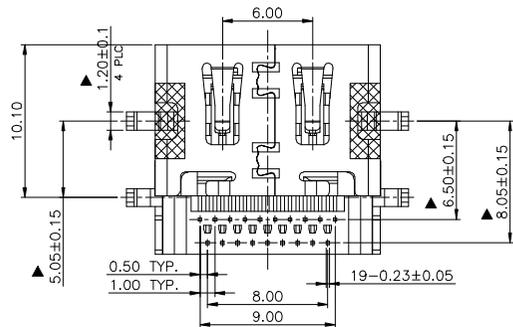
PIN #	SIGNAL ASSIGNMENT	PIN #	SIGNAL ASSIGNMENT	MATING SEQUENCE
1	TMDS Data2+	2	TMDS Data2 Shield	THIRD PIN18 (+5V POWER)
3	TMDS Data2-	4	TMDS Data1+	
5	TMDS Data1 Shield	6	TMDS Data-	
7	TMDS Data0+	8	TMDS Data0 Shield	
9	TMDS Data0-	10	TMDS Clock+	SECOND PIN 1~17 PIN 19
11	TMDS Clock Shield	12	TMDS Clock-	
13	CEC	14	Utility	
15	SCL	16	SDA	
17	DDC/CEC Ground	18	+5V Power	FIRST MAKE
19	Hot Plug Detect			
SHELL	SHIELD			

NOTE:

- MATERIAL:**
 TERMINAL: COPPER ALLOY, T=0.2±0.02mm.
 SHELL: STEEL ALLOY, T=0.5±0.02mm.
 HOUSING: LCP+30% G.F. (UL94-0), BLACK.
 MYLAR: PI, COLOR: YELLOW
- PLATING:**
 TERMINAL: GOLD FLASH PLATED ON CONTACT AREA, 100u"MIN. MATTE-TIN ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED 50u" MIN. NICKEL.
 SHELL: OVERALL 50u"MIN. NICKEL PLATED
- ELECTRICAL CHARACTERISTICS:**
 CONTACT RESISTANCE: INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10 MILLIOHMS MAX.
 DIELECTRIC STRENGTH: UNMATED CONNECTORS APPLY 500V AC
 MATED CONNECTORS APPLY 300V AC
 INSULATION RESISTANCE: 100 MEGOHMS MIN. (UNMATED)
 10 MEGOHMS MIN. (MATED)
- MECHANICAL CHARACTERISTICS:**
 INSERTION FORCE: 3Kgf MAX.
 WITHDRAWING FORCE: 1-3Kgf.
- LIFE TEST: 10000 CYCLES**
- SALT SPRAY TEST: REACH 48H**



SECTION A-A
SCALE: 1:1



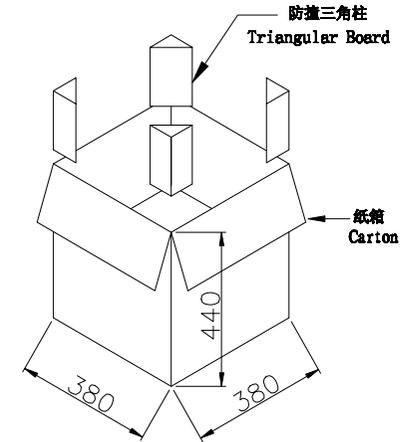
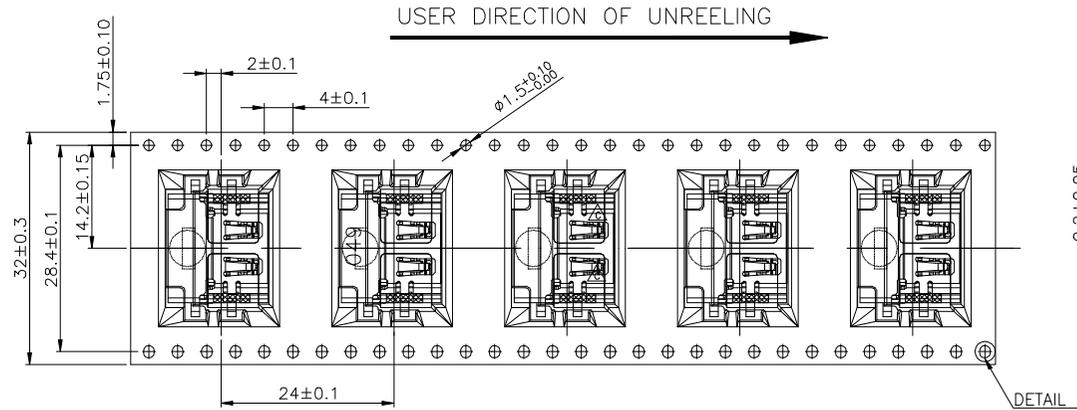
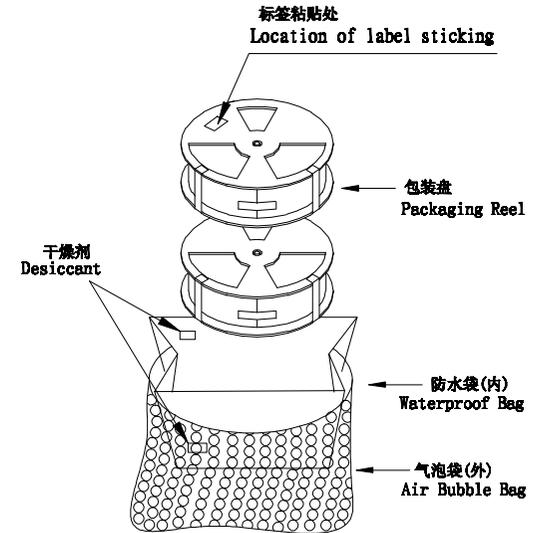
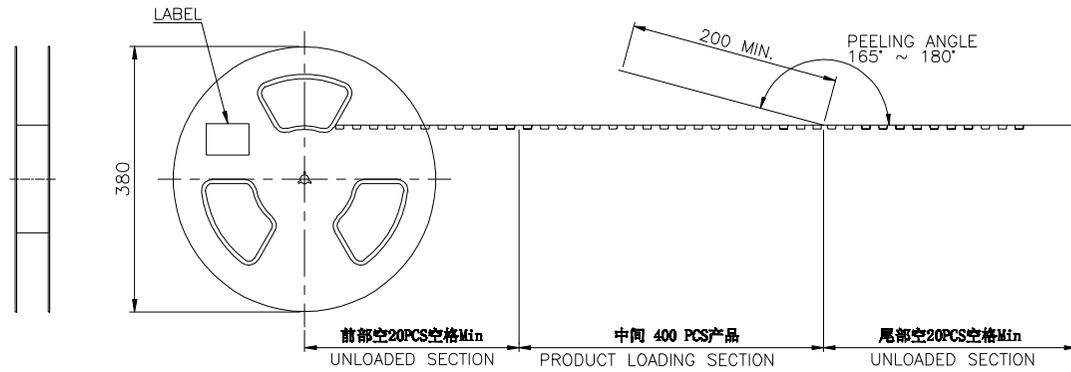
RECOMMENDED PCB LAYOUT (TOP VIEW)

TOLERANCE: ±0.05mm

HA-F B276 D R -E0 01
1 2 3 4 5 6 7

- HA:HDMI A TYPE
- F:FEMALE
- B276=中心高-2.765mm
- D:DIP
- R:90°
- TYPE码:E0:正常规格
- Contact Area plating on contacts
01: Au 1u"

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	22.11.05	LINEAR	ANGLES	1:1	Daniel Dong	23.08.04	HA-FB276DR-E001	ENDE05				
A1	换图框发行	23.12.27	0.0±0.30	X° REF±6°	APPROVED	Micky Ma	23.12.27						
			0.00±0.25	X° ±3°	DESIGNER	Micky Ma	23.12.27	TITLE					
			0.000±0.10	X° X' ±2°	DRAWN	Micky Ma	23.12.27	HDMI AF RVS CH=-2.765 H1.975 L13.85 DIP					
			UNIT: MM							REV	A1	SHEET	1/2



NOTE:

- MATERIAL:
 BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT COLOR. (透明色)
 REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
 BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
- PEELING STRENGTH: 0.2~1.3N (20~130gf)
- PEELING SPEED: 300 mm/min.
- EACH BAG SHALL BE INCLUDED DESICCANT.

400	11	4400 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	22.11.05		LINEAR	1:1	Daniel Dong	23.12.27	HA-FB276DR-E001	ENDE05				
A1	换图框发行	23.12.27		ANGLES									
			UNIT: MM	0.00±0.25	X° REF±6°	DESIGNER	Micky Ma	23.12.27	TITLE				
			SIZE: A4	0.000±0.10	X° X' ±2°	DRAWN	Micky Ma	23.12.27	HDMI AF RVS CH--2.765 H1.975 L13.85 DIP				
										REV	A1	SHEET	2/2