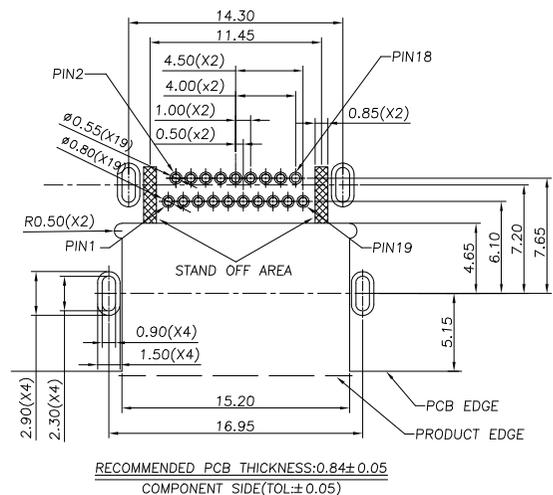
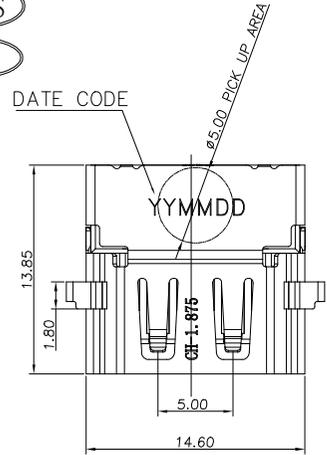
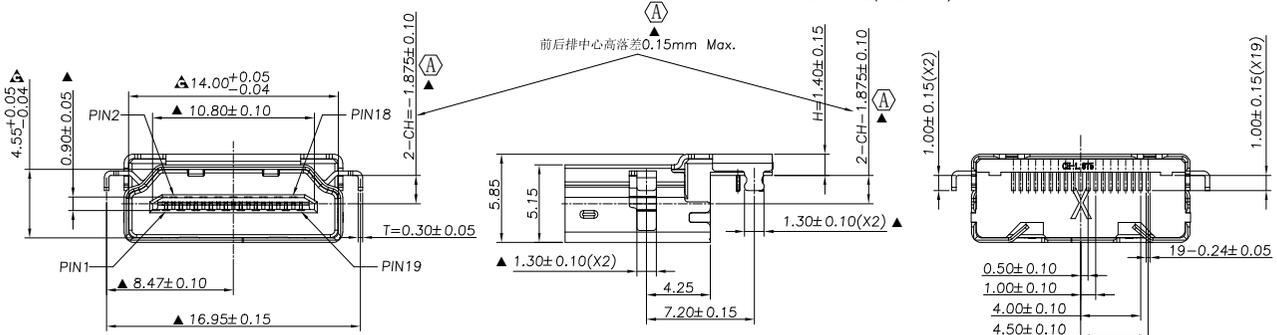


RoHS
HF



RECOMMENDED PCB THICKNESS: 0.84±0.05
COMPONENT SIDE (TOL±0.05)

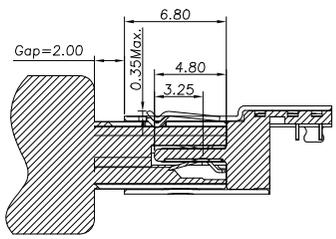
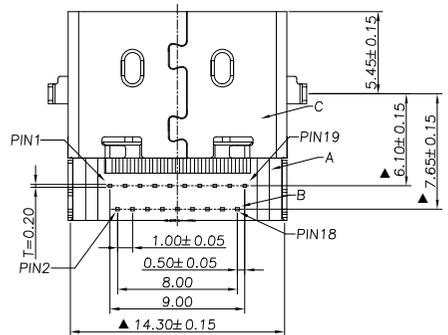


PIN	SIGNAL ASSIGNMENT	PIN	SIGNAL ASSIGNMENT	PIN	SIGNAL ASSIGNMENT
1	TMDS DATA2+	8	TMDS DATA0 SHIELD	15	SCL
2	TMDS DATA2 SHIELD	9	TMDS DATA0-	16	SDA
3	TMDS DATA2-	10	TMDS CLOCK+	17	DDC/CEC GROUND
4	TMDS DATA1+	11	TMDS CLOCK SHIELD	18	+5V POWER
5	TMDS DATA1 SHIELD	12	TMDS CLOCK-	19	HOT PLUG DETECT
6	TMDS DATA1-	13	CEC		
7	TMDS DATA0+	14	UTILITY		

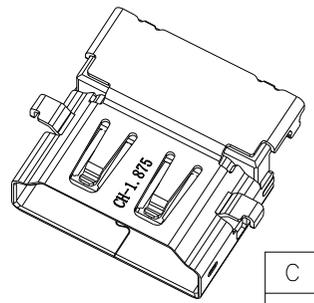
- NOTES:
- ELECTRICAL CHARACTERISTIC:
 - 1.1 LOW LEVEL CONTACT RESISTANCE: 30mΩ MAXIMUM.
 - 1.2 DIELECTRIC WITHSTANDING VOLTAGE 300 VAC BETWEEN ADJACENT TERMINAL OR GROUND, No Breakdown
 - 1.3 INSULATION RESISTANCE: 100MΩ MINIMUM (Unmated). 10MΩ MINIMUM (Mated).
 - MECHANICAL CHARACTERISTIC:
 - 2.1 INSERTION FORCE: 3.0kgf MAX.
 - 2.2 EXTRACTION FORCE: INITIAL: 1.0kgf MIN. DURABILITY: 10000 CYCLES.
 - PLATING SPECIFICATION:
 - 3.1 CONTACTS: Ni 50u" MIN. UNDER PLATED, Au 1u" MIN PLATED ON THE MATING AREA OF CONTACT. MATE Sn 80u"-100u" MIN. PLATED ON THE SOLDER TALL.
 - 3.2 FRONT SHELL: Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Operating Temperature: -25°C ~ +85°C

HA-F B187 D R -E0 01
1 2 3 4 5 6 7

- HA: HDMI A TYPE
- F: FEMALE
- B100=中心高-1.875mm
- D: DIP
- R: 90°
- TYPE码: E0: 正常规格
- Contact Area plating on contacts 01: Au 1u"



Mating View

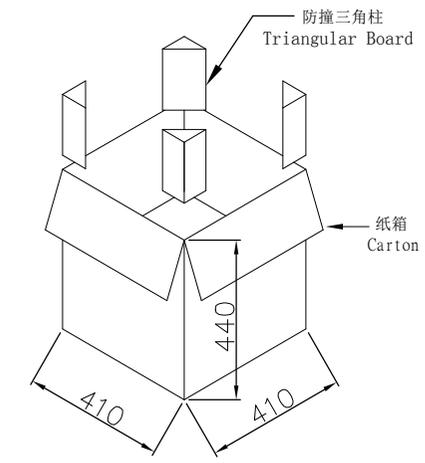
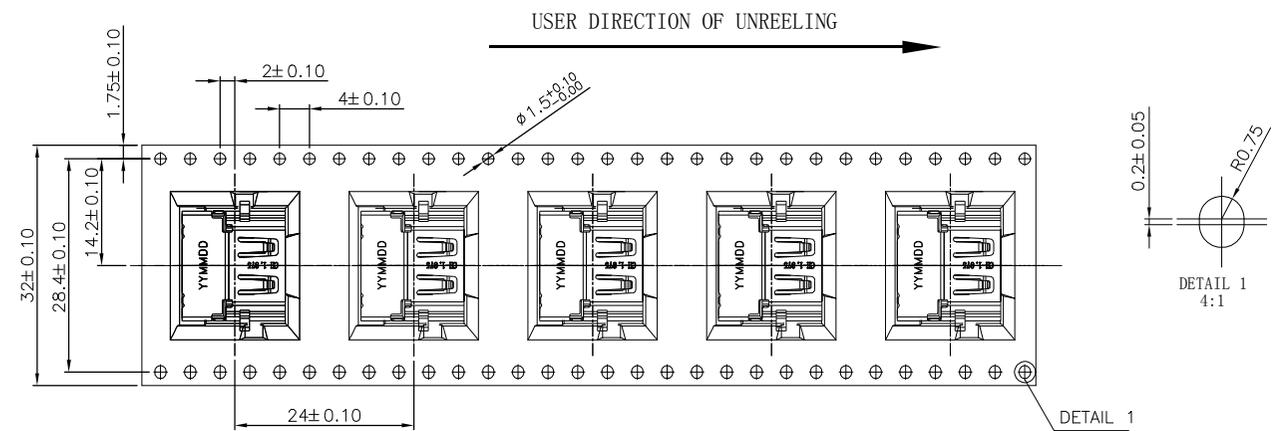
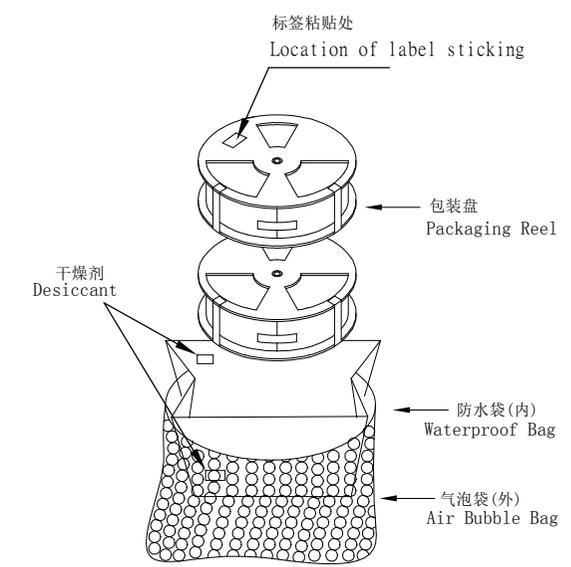
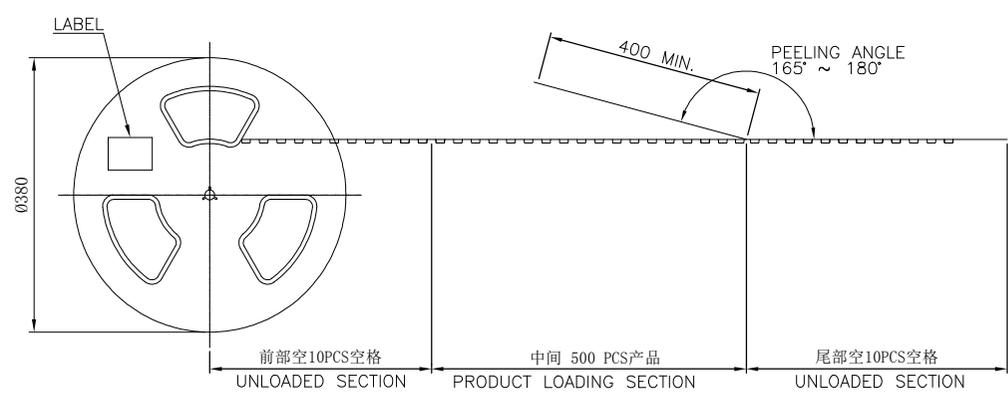
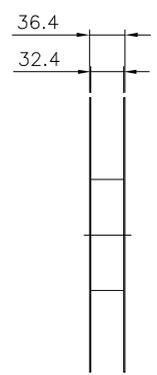


3D View

C	SHELL	1	SUS304-1/2H/PLATING SEE NOTES
B	TERMINAL	19	C2680-H/PLATING SEE NOTES
A	HOUSING	1	LCP E130i UL94V-0 BLACK
NO	PART NAME	QTY	MATERIAL PLATING & COLOR

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.						
A0	NEW REVISION	24.01.31		LINEAR	1:1	Frey Yang	24.05.28	HA-FB187DR-E001	ENDE05						
A1	铁壳脚贴板面宽度增加到1.8mm	24.05.28		0.0±0.30										X° REF±6°	
			0.00±0.20	X° ±3°	DESIGNER	Daniel Dong	24.05.28	TITLE	HDMI 2.1 AF RVS CH=-1.875						
			0.000±0.10	X° X'±2°	DRAWN	Micky Ma	24.05.28	H1.40 L13.85 DIP						REV	A1

RoHS
HF



NOTE:

- MATERIAL:
BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).
TAPE: PET, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT COLOR (透明色/冷封).
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
- PEELING STRENGTH: 0.2~1.0N (20~100gf)
- PEELING SPEED: 300 mm/min.
- EACH BAG SHALL BE INCLUDED DESICCANT.

500	11	5500 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.				
A0	NEW REVISION	24.01.29		LINEAR	ANGLES	APPROVED	Frey Yang	24.05.28	HA-FB187DR-E001	ENDE05				
A1	铁壳脚贴板面宽度增加到1.8mm	24.05.28	0.0±0.30	X° REF±6°	DESIGNER	Daniel Dong	24.05.28	TITLE		HDMI 2.1 AF RVS CH=-1.875 H1.40 L13.85 DIP				
			0.00±0.25	X° ±3°	DRAWN	Micky Ma	24.05.28	REV	A1					SHEET