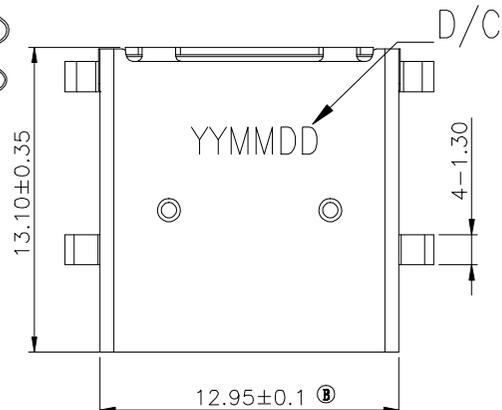
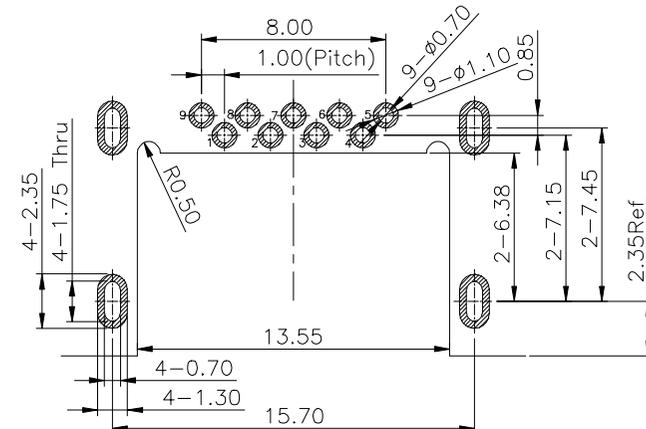


RoHS
HF

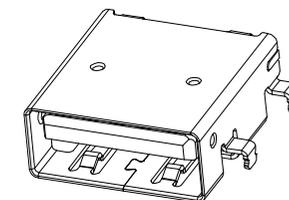
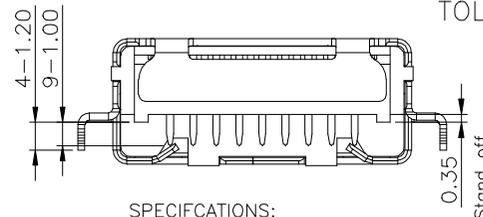
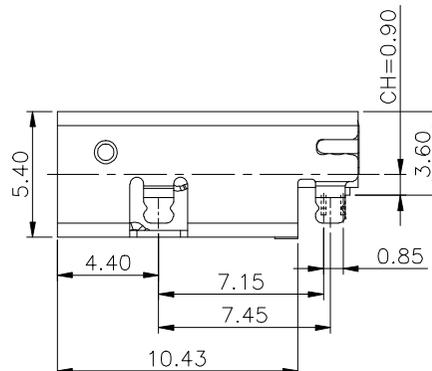
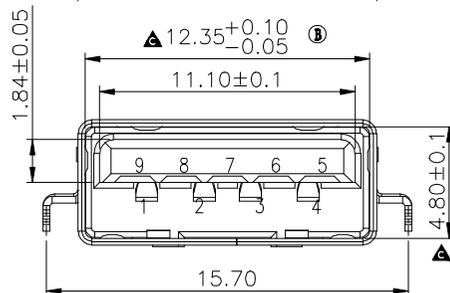


USB 3.0 PIN ASSIGNMENTS

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST



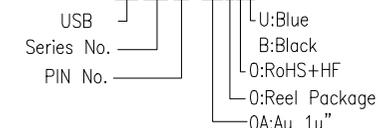
Recommended PCB Layout THK=1.0mm
TOLERANCE=±0.05



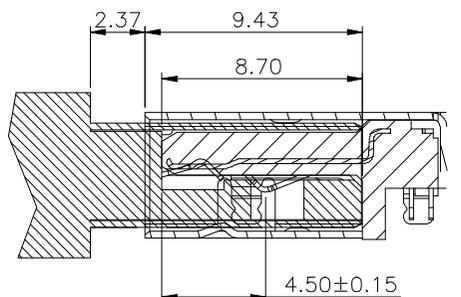
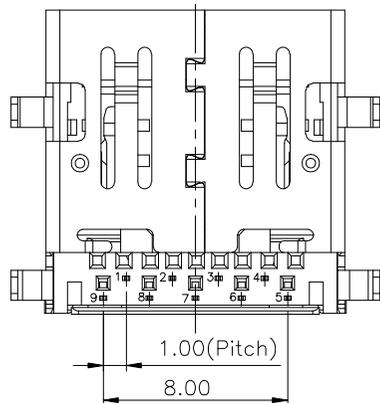
SPECIFICATIONS:

- MATERIAL:
 - INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;
 - CONTACT:COPPER ALLOY
 - SHELL:STEEL ALLOY
- ELECTRICAL CHARACTERISTICS:
 - CURRENT RATING:1.8A (PIN 1,4) ; OTHER CONTACTS 0.25A
 - CONTACT RESISANCE 30mΩ Max.
 - DIELECTRIC WITHSTANDING VOLTAGE:500V AC FOR 1 MINUTE
 - INSULAINON RESISANCE:1000MΩ MIN.
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 2.5kgf Max
 - EXTRACTION FORCE:0.7~2.5kgf
 - DURABILITY: 5000 Cycles
- PLATING
 - TERMINAL:
 - 50u" MIN NICKEL ALL OVER
 - 80u"MIN Tin ON SOLDER AREA
 - 1u"Au ON CONTACT AREA
 - SHELL:50u"MIN.NICEL ALL OVER

5.P/N : W-US41509-0A00X



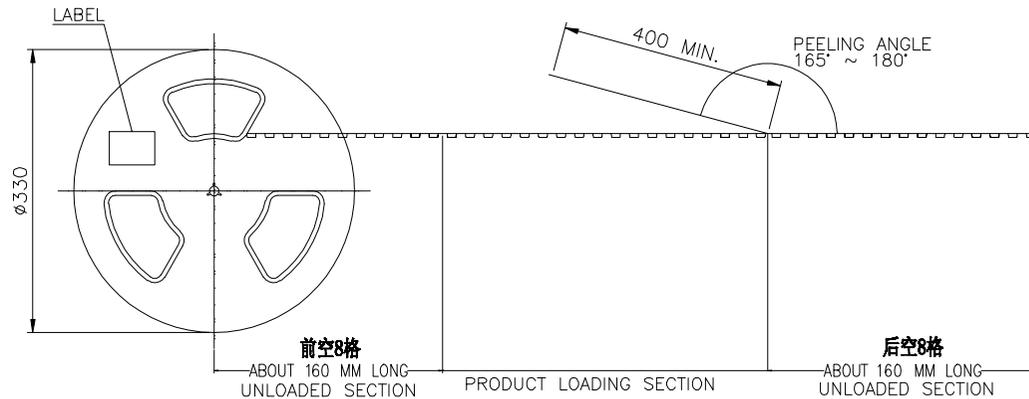
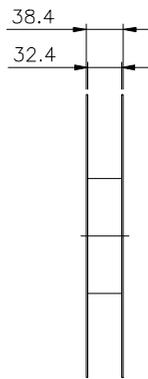
MATED PLUG NEED TO FOLLOW
USB 3.0 SPECIFICATION
(W12.0*H4.5*L11.75mm)



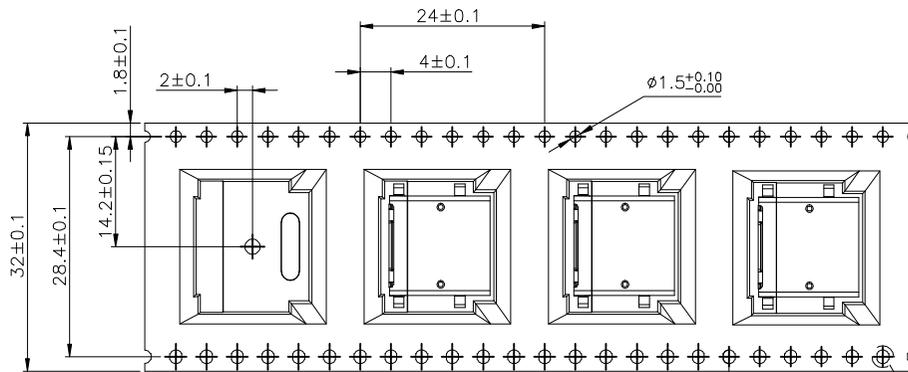
REV.	REVISION RECORD	DATE	SCALE	NAME	DATE	PART NO.	DWG NO.
A0	新图面发行	20.06.29	1:1	Frey Yang	24.01.19	W-US41509-0A00X	ENDE05
A1	换图框发行	24.01.19	APPROVED	Daniel Dong	24.01.19		
			DESIGNER	Micky Ma	24.01.19		
			UNIT: MM			TITLE	
			SIZE: A4			USB3.0 Type-A STD CH=0.90 H=3.60 DIP 非标框超短	
			GENERAL TOLERANCES				
			LINEAR				
			ANGLES				
			0.0±0.30	X° REF±6°			
			0.00±0.20	X° ±3°			
			0.000±0.10	X° X' ±2°			



RoHS
HF



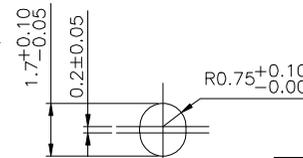
USER DIRECTION OF UNREELING →



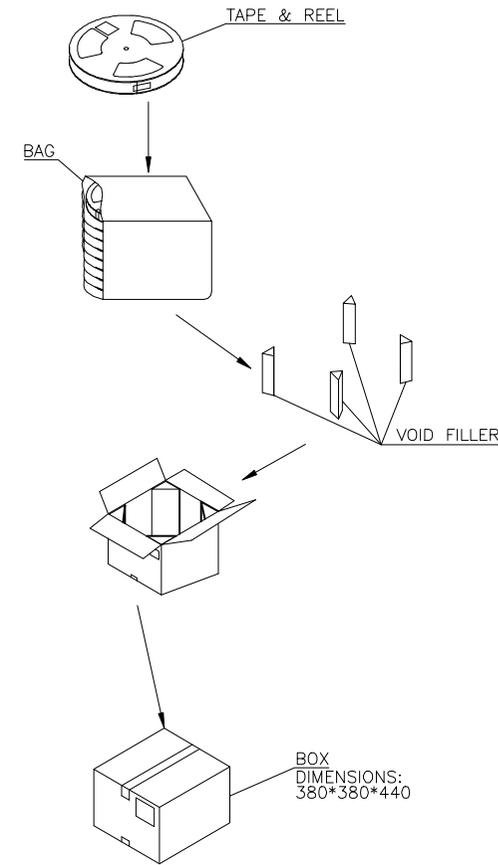
NOTE:

- MATERIAL:
BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL,
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, Transparent COLOR.
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
- PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
- PEELING SPEED: 300 mm/min.
- EACH BAG SHALL BE INCLUDED DESICCANT.

DETAIL 1



DETAIL 1
4:1



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	20.06.29	LINEAR	ANGLES	1:1	APPROVED	Frey Yang	24.01.19	W-US41509-0A00X					ENDE05
A1	换图框发行	24.01.19	0.0±0.30	X° REF±6°		DESIGNER	Daniel Dong	24.01.19	TITLE USB3.0 Type-A STD CH=0.90 H=3.60 DIP 非标框超短		REV	A1	SHEET	2/2
			0.00±0.20	X° ±3°		DRAWN	Micky Ma	24.01.19						

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