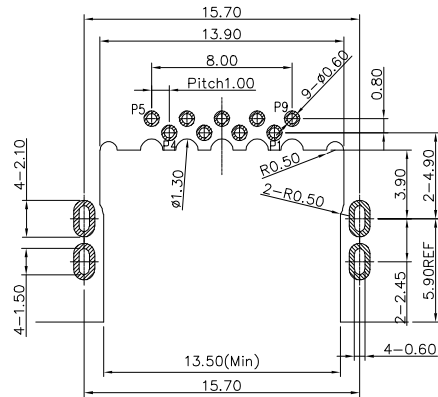
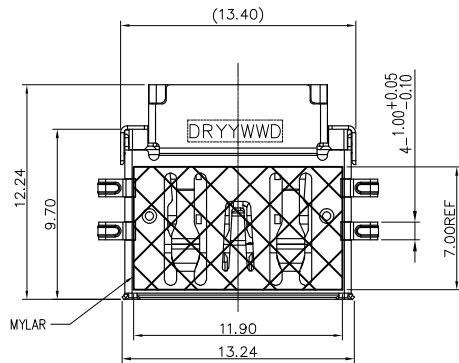
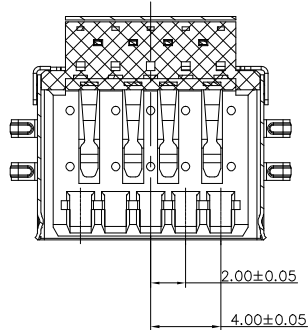
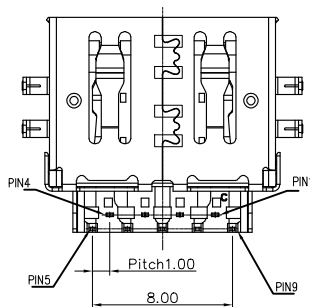
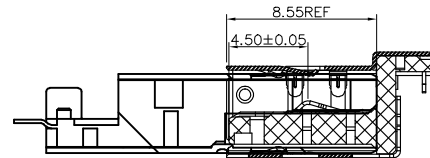
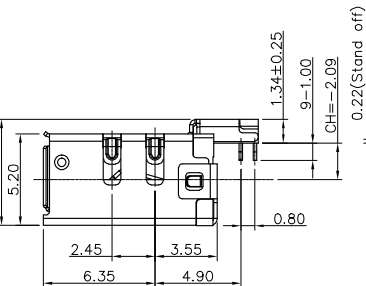
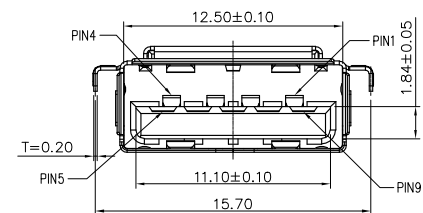


**HF**  
Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
1			INITIAL RELEASE	2019.10.21	Alex_Z



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



**NOTES:**

PRODUCT MEETS CONTROLLED SUBSTANCES SPEC. ROHS 2.0

**1. MATERIAL:**

- 1.1 HOUSING: PA9T, UL94V-0; COLOR: BLACK.
- 1.2 CONTACT 2.0: PHOSPHOR BRONZE.(C5191)
- 1.3 CONTACT 3.0: BRASS.(C2680)
- 1.4 SHELL: SUS.

**2. FINISH:**

- 2.1 CONTACT: GOLD PLATING(SEE TABLE) ON CONTACT AREA.  
80u" MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.  
50u" MIN. NICKEL UNDERPLATING OVERALL.
- 2.2 SHELL: 30u" MIN. NICKEL PLATED OVERALL.

**3. MECHANICAL SPECIFICATION:**

- 3.1 MATING FORCE: 35N MAX.
- 3.2 UNMATING FORCE: 10N MIN.
- 3.3 DURABILITY: 5000 CYCLES.

**4. ELECTRICAL PERFORMANCE:**

- 4.1 CONTACT CURRENT RATING:  
1.80 AMPERES FOR VBUS AND GND CONTACTS  
0.25 AMPERES FOR ALL OTHER CONTACTS
- 4.2 DIELECTRIC WITHSTANDING VOLTAGE: AC 100V/MINUTE
- 4.3 INSULATION RESISTANCE: 100M OHMS MIN
- 4.4 CONTACT RESISTANCE:  
30M OHM MAX FOR VBUS AND GND CONTACTS  
50M OHM MAX FOR ALL OTHER CONTACTS
- 4.5 WAVE SOLDER CAPABLE TO 260°C MAX 5S.

**6. PART NUMBER DESCRIPTION:**

5709B9-008H\*000R\*\*

- T: TRAY
- R: REEL
- CONTACTS LPLATING:
- 1: Au G/F    2: Au 5u"
- 3: Au 15u"    4: Au 30u"
- R: RoHS
- H: HALOGEN-FREE
- USB



**DEREN**  
SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL
x.	±0.35	x.	±2'
.x	±0.30		
.xx	±0.25		

DRAW NO.

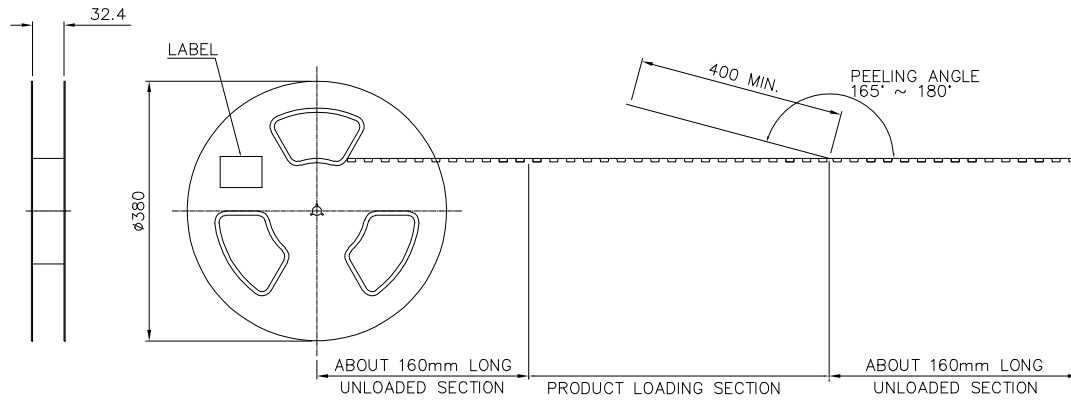
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REV. 1

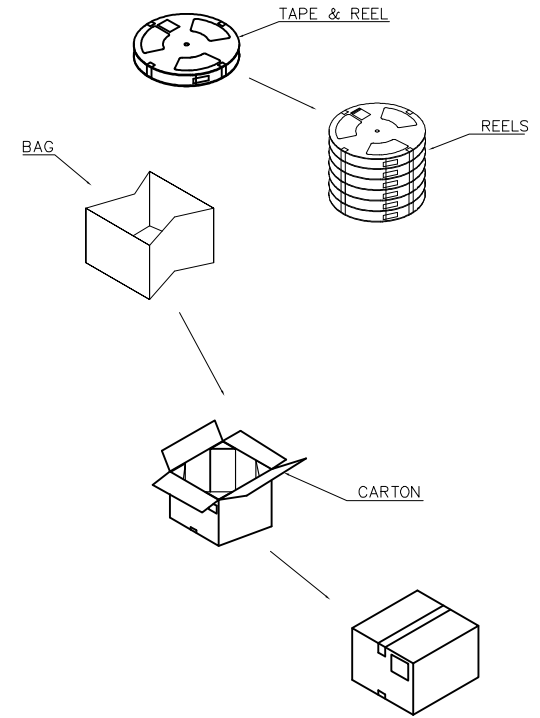
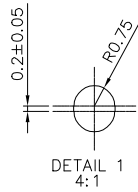
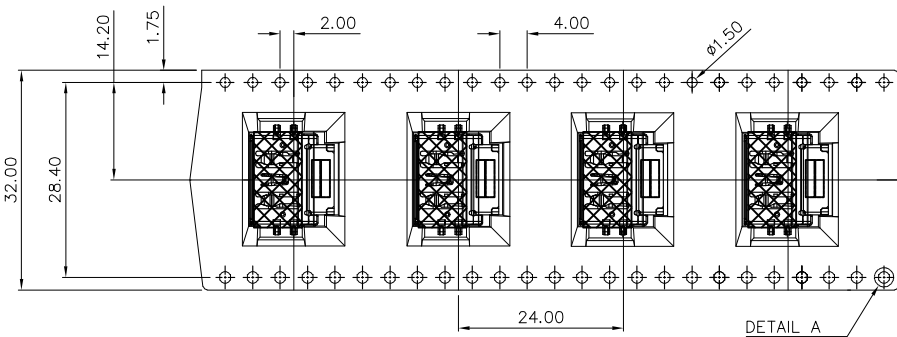
CUSTOMER DRAWING	DATE
DESIGN: Alex_Z	2019.10.21
CHECK:	
APPROVAL:	

TITLE:	SCALE:	UNIT:
USB 3.1 9P A/F -2.09CH 1.34H RVS DIP CONN	1:1	mm
P/N: SEE TABLE		
SHEET: 1/2		

# REEL PACKING DRAWING





USER DIRECTION OF UNREELING →



600	10	6000
PCS/REEL	REEL/CARTON	PCS/CARTON

DIM	TOL	DIM	TOL
x.		x.	
.x			
.xx			

 <b>DEREN</b> SHENZHEN DEREN ELECTRONIC CO., LTD		CUSTOMER DRAWING	DATE	TITLE: USB 3.1 9P A/F -1.29CH 1.31H RVS DIP CONN
		DESIGN: Alex_Z	2019.10.21	P/N: SEE TABLE
DRAW NO. ***	CHECK:		SHEET: 2/2	
REV. 1	APPROVAL:		SCALE: N/A	UNIT: mm