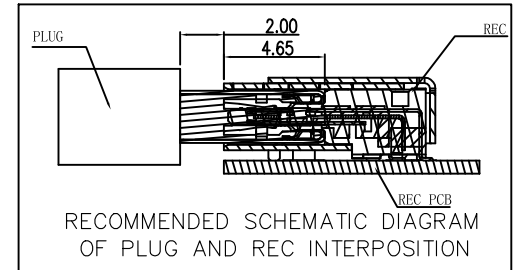
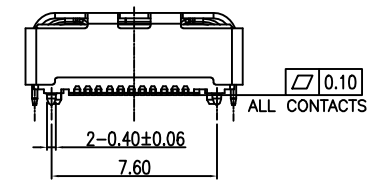
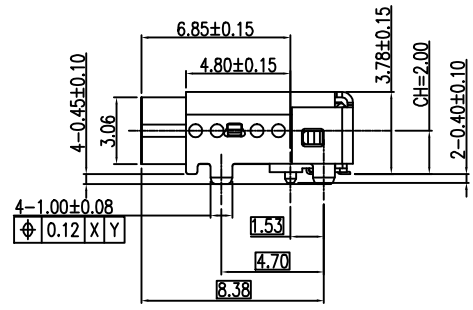
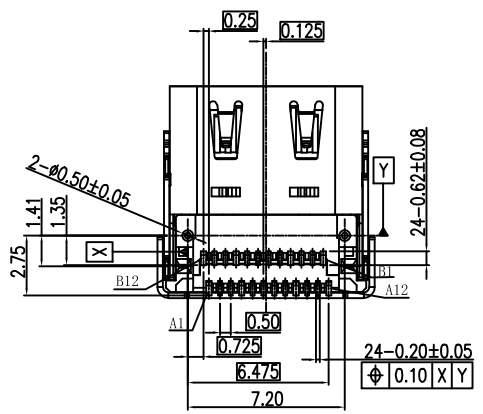
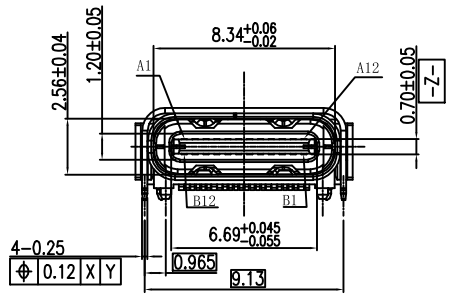
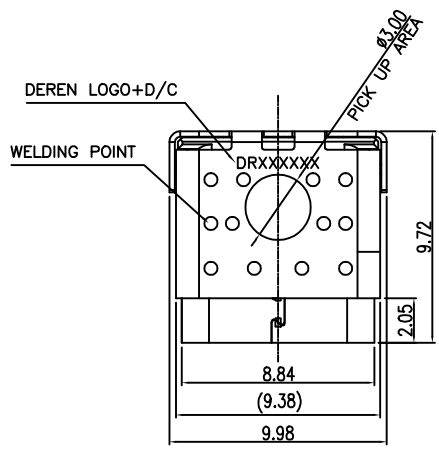


HF
Halogen Free



DIM	TOL	DIM	TOL
.X	±0.30	.X	±3'
.X	±0.25	.X	±2'
.XX	±0.15		
.XXX	±0.10		

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			PRELIMINARY	02/25'21	Winner

NOTES :

- ELECTRICAL :
 - CONTACT CURRENT RATING :
 - 5A max. A current of 5A shall be applied collectively to VBUS pins (i.e., pins A4, A9, B4, and B9) and 1.25A shall be applied to the VCONN pin (i.e., B5 of the plug connector) with the return path through the corresponding GND pins (i.e., pins A1, A12, B1, and B12). A minimum current of 0.25A shall also be applied individually to all the other contacts
 - .5A~7A . A current of 7A shall be applied collectively to VBUS pins (i.e., pins A4, A9, B4, and B9) and 0.8A shall be applied to the VCONN pin (i.e., B5 of the plug connector) with the return path through the corresponding GND pins (i.e., pins A1, A12, B1, and B12). A minimum current of 0.25A shall also be applied individually to all the other contacts.
 - INSULATION RESISTANCE : 100 MEGAOHMS. AT 100VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE : 100VAC, 0.5mA LEAKAGE CURRENT MAX.
 - LOW LEVEL CONTACT RESISTANCE : INITIAL 40mΩ MAX. AFTER LIFE 50mΩ MAX.
- MECHANICAL CHARACTERISTICS :
 - INSERTION FORCE : 29.4N MAX.
 - EXTRACTION FORCE : 6.9N MIN.
 - DURABILITY : 10,000 MATING CYCLES.
 - OPERATING TEMPERATURE : -55°C TO +85°C
 - RECOMMENDED STENCIL THICKNESS: 0.12mm min.

ITEM	PART NAME	QTY	MATERIAL	REMARK
⑥	TOP CONTACT	1 SET	COPPER ALLOY	50μ" MIN. NI UNDER PLATING.
⑤	BOTTOM CONTACT	1 SET	COPPER ALLOY	1μ" Au PLATING ON SOLDER AREA. 30μ" MIN. Au PLATING ON CONTACT AREA.
④	MID PLATE	1 PCS	STAINLESS	50μ" MIN. Ni PLATING OVERALL.
③	HOUSING	1 PCS	LCP	COLOR BLACK;UL94V-0
②	INNER SHELL	1 PCS	STAINLESS	3~8μ" BLACK Ni PLATING OVERALL
①	OUTER SHELL	1 PCS	STAINLESS	50μ" MIN. Ni PLATING OVERALL.

DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING DATE TITLE: UC REC 24P R/A CH#2 DUAL SMT CONN.

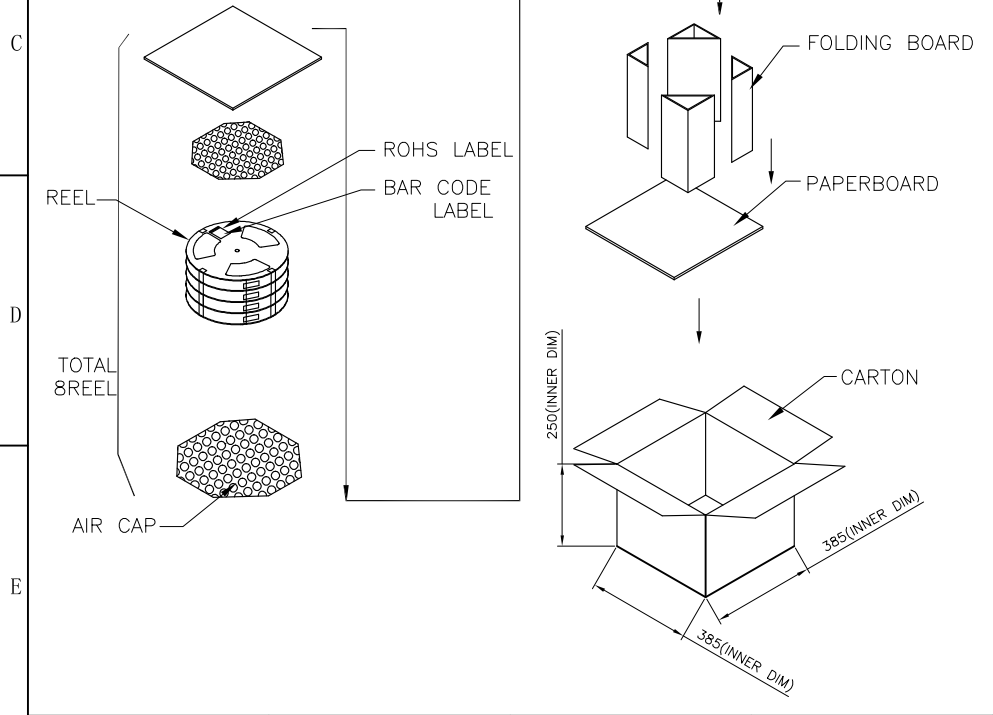
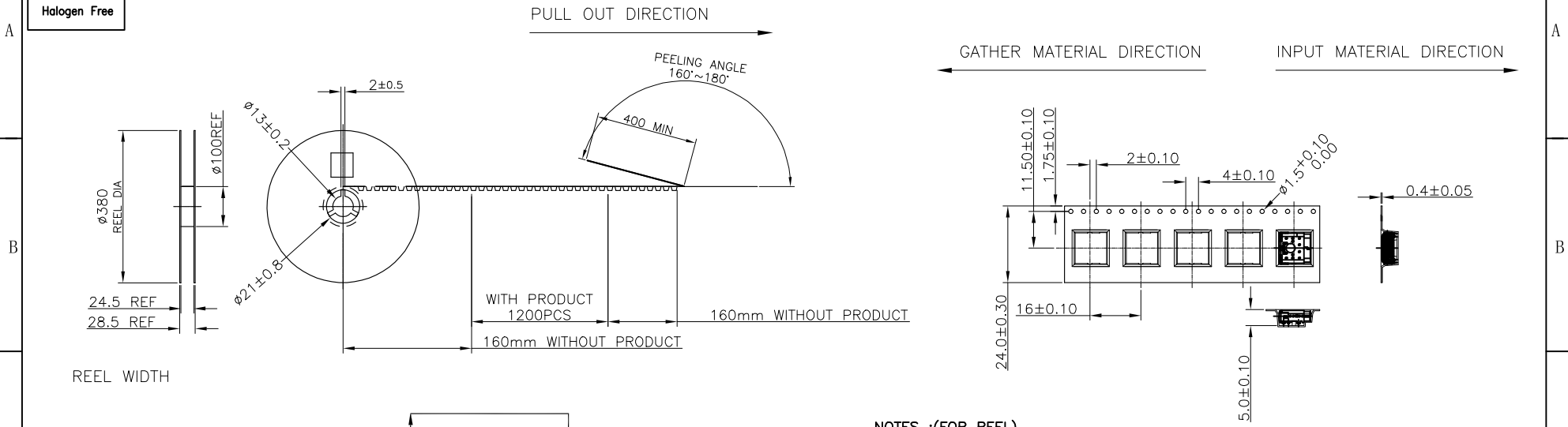
DESIGN: Winner 10/26'21 P/N: 560QB2-007H1000R

CHECK: Charles 10/26'21 SHEET: 1/3

REV. A APPROVAL: Smark 10/26'21 SCALE: 1:1 UNIT: mm

HF
Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
SEE SHEET 1					



NOTES :(FOR REEL)
 PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0
 PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT
 MUST MEET CONTROLLED SUBSTANCES SPEC PER 230-702.
 * CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED: 5 PPM.
 * LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED: 100 PPM (COMBINED).
 * CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE
 REQUIREMENTS DEFINED PER EIA-481-B.

1. MATERIAL :
 COVER TAPE : ANTISTATIC P.S T=0.05±0.01 ,COLOR: CLEAR
 CARRIER TAPE : ANTISTATIC P.S T=0.40mm ±0.05
 REEL : PS UL94V-0
 SHIPPING BOX: CORRUGATED FIBER

2. DIMENSION :
 REEL : SEE DRAWING
 BOX : SEE DRAWING

3. QUANTITY : SEE TABLE

4. WEIGHT : SEE TABLE

5. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)

6. PEELING SPEED : 300mm/MINUTES

PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER
1200	8	9600	560QB2-007H1000R

		DEREN SHENZHEN DEREN ELECTRONIC CO., LTD	
DIM	TOL	DIM	TOL
x.	±0.30	x.	±2'
.x	±0.20	.x	±1'
.xx	±0.10		
		DRAW NO.	DESIGN:
		SC2107294	Winner
		REV.	APPROVAL:
		A	Smak
		CUSTOMER DRAWING	DATE
			10/26'21
		TITLE:	UC REC 24P R/A CH=2 DUAL SMT CONN.
		P/N:	560QB2-007H1000R
		SHEET:	3/3
		SCALE:	1:1
		UNIT:	mm