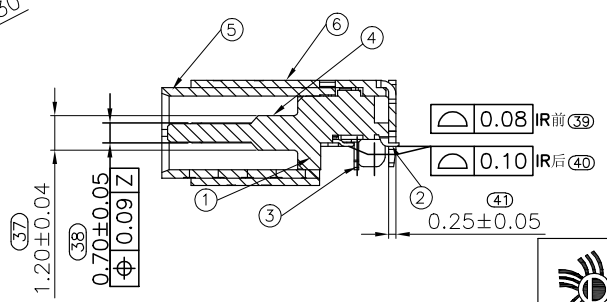
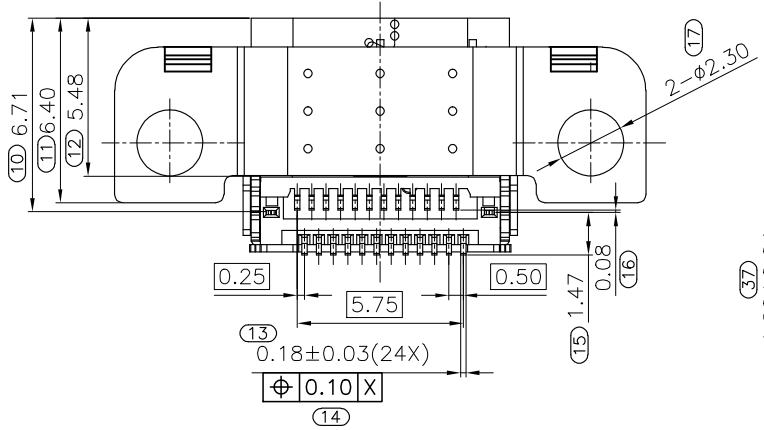
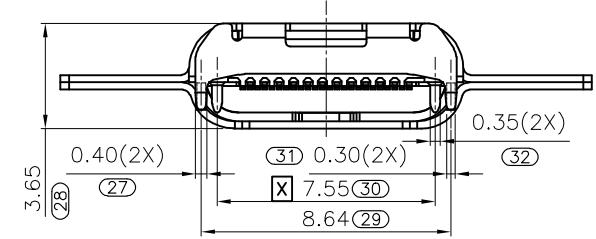
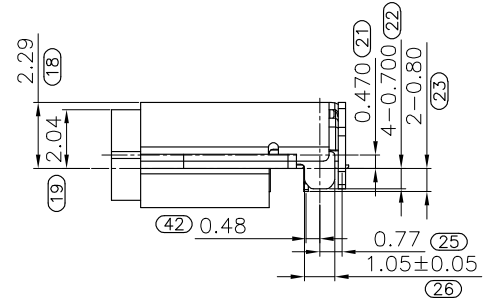
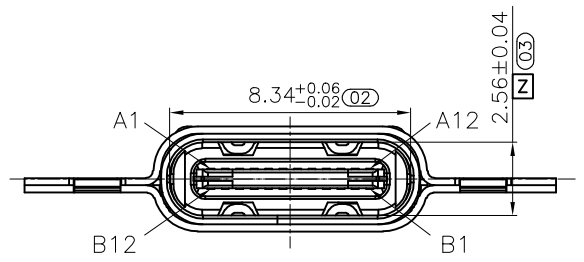
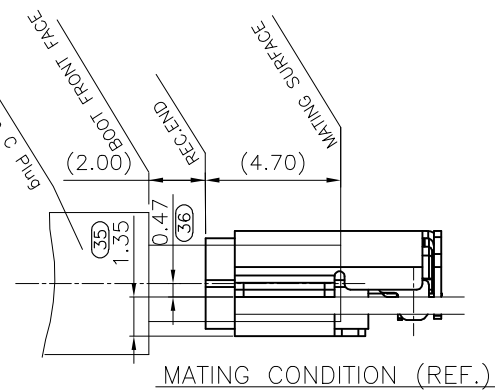
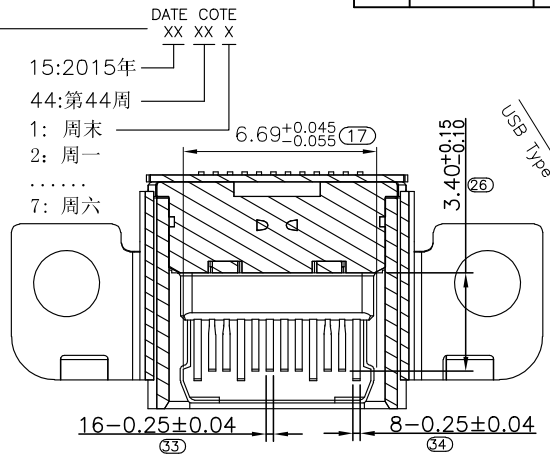
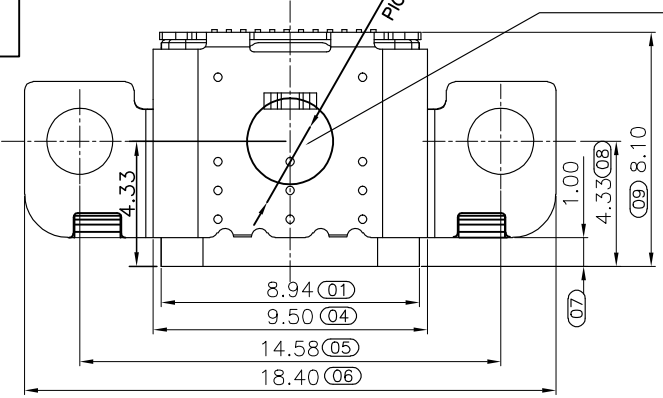


HF

Halogen Free

REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	07/31' 20	Winner



DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL
.X	±0.25	X.	±2'
.XX	±0.15	.X	±1'
.XXX	±0.10		

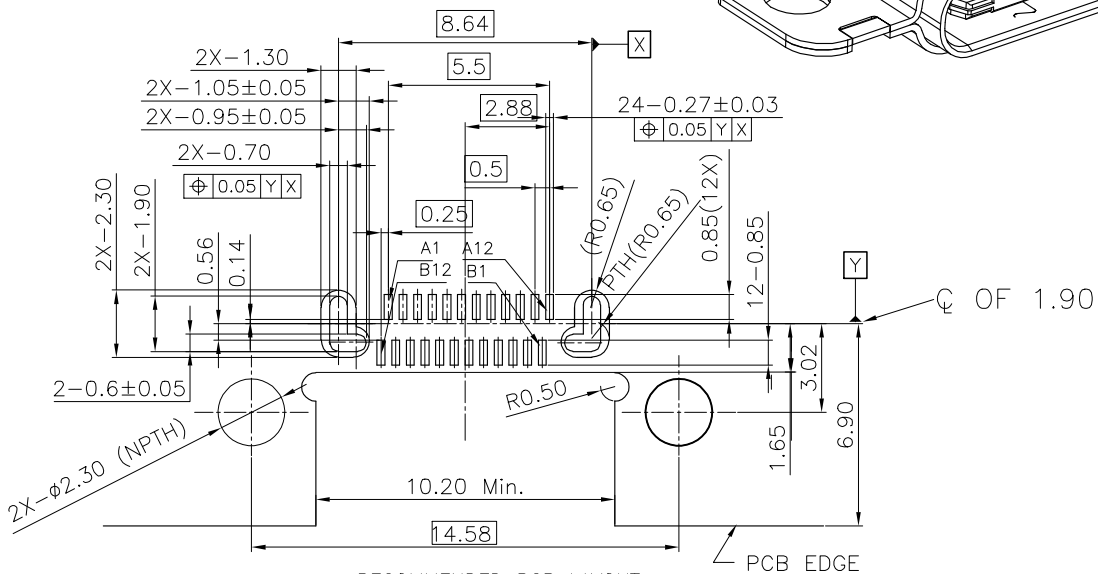
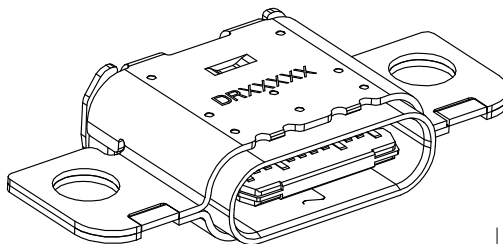
DRAW NO.	SC2107326
REV.	A

CUSTOMER DRAWING	DESIGN: Winner	DATE	07/31' 20
APPROVAL:			

TITLE: USB Type C REC Dnd SMT TOP Mount CH=0.47mm With Ear	
P/N:40-42356-A8300RHF	SHEET: 1/3
SCALE: 1:1	UNIT: mm



REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
SEE SHEET 1					



RECOMMENDED PCB LAYOUT
TOP VIEW, PCB TOLERANCE: ±0.05

- NOTES:
- MATERIAL AND PLATING SEE TABLE BELOW
 - ELECTRICAL:
 - CONTACT CURRENT RATING:
5.0A FOR VBUS AND GND.
(i.e., Pins A4, A9, B4, B9)
1.25A FOR Vconn AND GND.
(i.e., Pins B5, A1, A12, B1, B12)
0.25A FOR ALL THE OTHERS CONTACTS.
 - INSULATION RESISTANCE:
100 MEGAOHMS MIN. AT 250V DC.
 - DIELECTRIC WITHSTANDING VOLTAGE:
100V AC MIN.
 - LOW LEVEL CONTACT RESISTANCE:
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
 - MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE:
5N~20N.
 - EXTRACTION FORCE:
8N~20N FROM 1 TO 1000 CYCLES.
6N~20N FROM 1001 TO 10000 CYCLES.
 - DURABILITY:
10,000 MATING CYCLES.
 - OPERATING TEMPERATURE:
-55°C TO +85°C
 - REFLOW SOLDER CAPABLE TO 260°C 10 SECS.
 - PART NUMBER INFORMATION:
40-42356- A 8300RHF

PIN NO.

GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

⑥	OUTER SHIELD	2 PCS	STAINLESS STEEL(SUS301R)	50u" MIN. SOLDERABLE Ni AND 3~8u" BLACK Ni PLATING OVERALL.
⑤	INNER SHELL	1 PCS	STAINLESS STEEL(SUS304R)	
④	GND PLATE	2 PCS	STAINLESS STEEL(SUS301R)	CLEAN
③	MID PLATE	1 PCS	STAINLESS STEEL(SUS301R)	50u" MIN. SOLDERABLE Ni PLATING OVERALL.
②	TOP CONTACT	2 SET	COPPER ALLOY(C1850)	50u" MIN. Ni UNDER PLATING. 1u"MIN GOLD PLATING ON SOLDER AREA. GOLD PLATING ON CONTACT AREA.(SEE PART NUM)
①	HOUSING	1 PCS	HIGHTEMP-PLASTIC(LCP R8540)	BLACK ,UL94V-0
ITEM	PART NAME	QTY	MATERIAL	REMARK

PIN NUMBER CODE:
A: 24 PINS

WITH EAR

HF: HALOGEN FREE
PACKAGE CODE:
R: TAPE&REEL PACKING
RESERVED CODE: 0
LOGO OPTION: 0: WITH DEREN LOGO
1: W/O DEREN LOGO
PLATING CODE: 1: Au 30u"
2: Au 12u"
3: Au 1u"



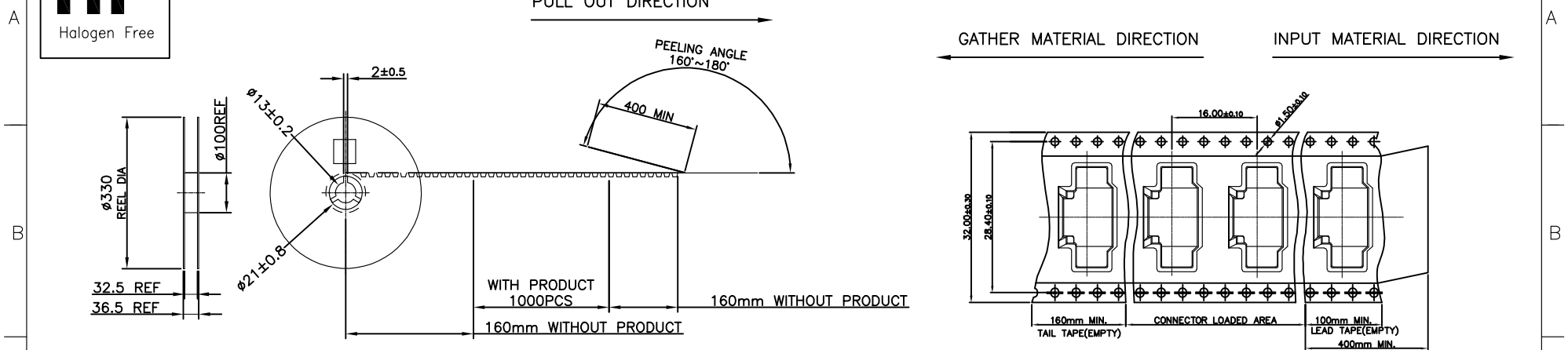
DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL	DRAW NO.	CUSTOMER DRAWING	DATE	TITLE: USB Type C REC Dual SMT TOP Mount CH=0.47mm With Ear
.X	±0.25	X.	±2'	SC2107326	DESIGN: Winner	07/31'20	P/N:40-42356-A8300RHF-HQ
.XX	±0.15	.X	±1'	REV. A	CHECK:		SHEET: 2/3
.XXX	±0.15			APPROVAL:			SCALE: 1:1 UNIT: mm

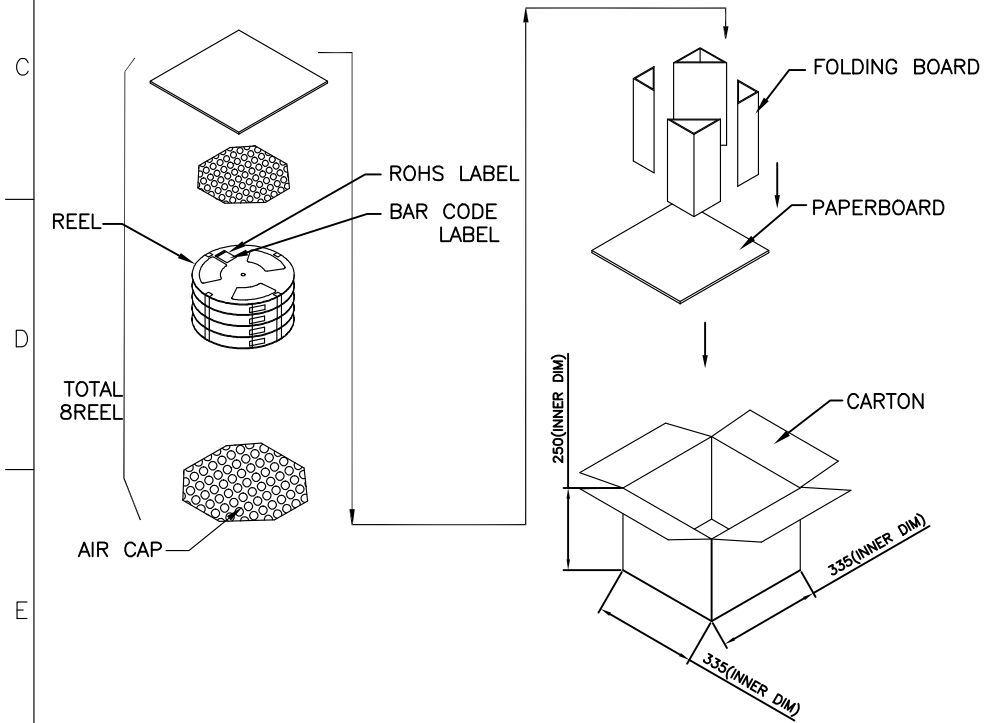
HF

Halogen Free

REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
SEE SHEET 1					



REEL WIDTH



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.

- MATERIAL:
 COVER TAPE: ANTISTATIC PS T=0.05±0.01mm, COLOR: CLEAR
 CARRIER TAPE: ANTISTATIC PS T=0.40±0.05mm, COLOR: CLEAR
 REEL: PS UL94V-0
 SHIPPING BOX: CORRUGATED FIBER
- DIMENSION:
 REEL: SEE DRAWING
 BOX: SEE DRAWING
- QUANTITY: SEE TABLE
- WEIGHT: SEE TABLE
- PEELING RESISTANCE: 10gf~130gf (for 12~56mm)
- PEELING SPEED: 300mm/MINUTES

1000	6	6000	40-42356-A8300RHF
PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER

DEREN
 SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL	DRAW NO.	CUSTOMER DRAWING	DATE	TITLE: USB Type C REC Dual SMT TOP Mount CH=0.47mm With Ear
				.X	X.	±2'	
.XX	±0.30	.X	±1'	SC2107326	CHECK:		SHEET: 3/3
.XXX				REV. A	APPROVAL:		SCALE: 1:1
							UNIT: mm