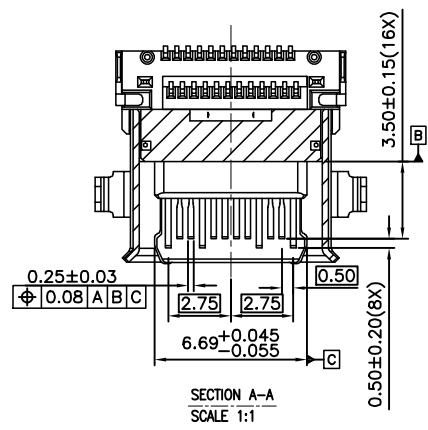
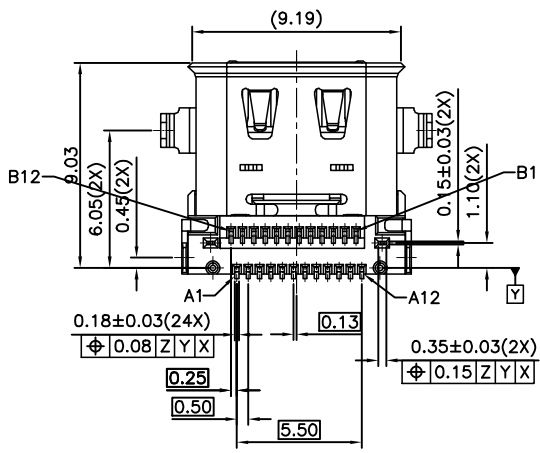
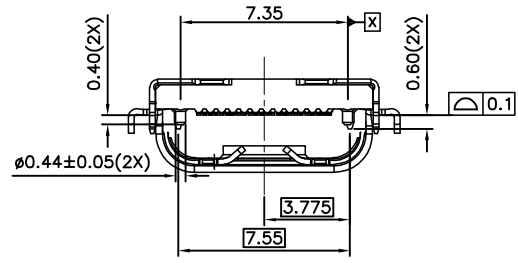
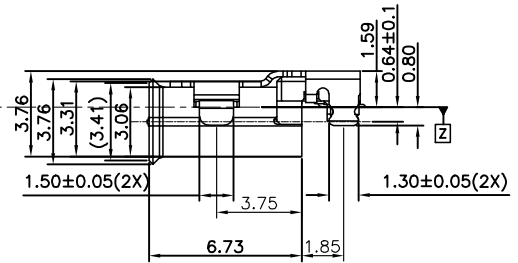
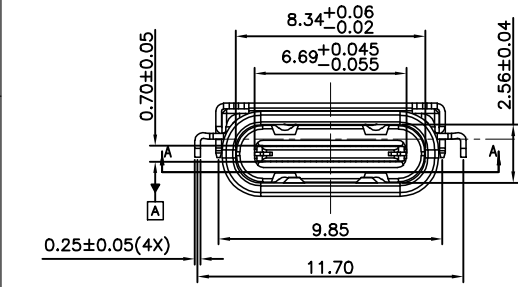
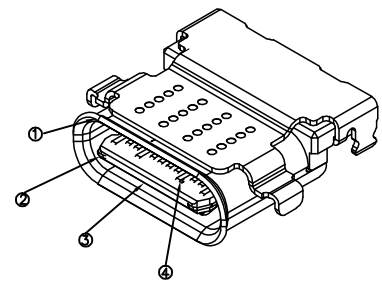
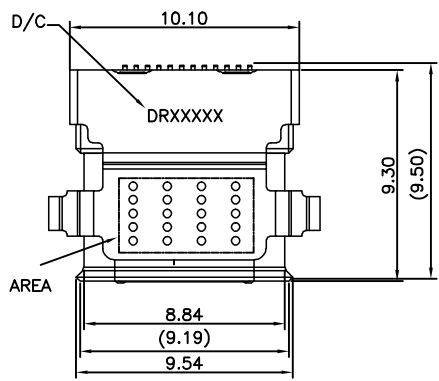




REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			PRODUCTION RELEASED	01/07'22	wwz



ITEM	PART NAME	Q'TY	MATERIAL	REMARK
④	CONTACT	24PCS	COOPER ALLOY	30u" MIN GOLD PLATING ON CONTACT AREA 1u" GOLD FLASH ON SOLDER AREA 50u" MIN. Ni UNDER PLATED OVER ALL.
③	I/M	1PCS	HIGHTEMP-PLASTIC	UL 94-V0, BLACK
②	MID_PLATE	1PCS	STAINLESS STEEL	50u" MIN Ni PLATED OVER ALL.
①	SHELL	1PCS	STAINLESS STEEL	50u" MIN BLACK Ni PLATED OVER ALL.



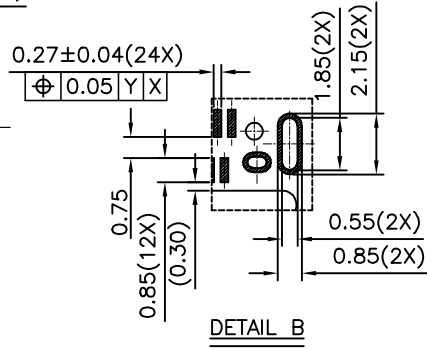
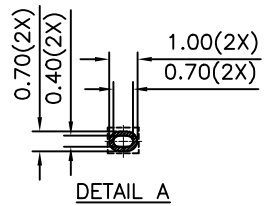
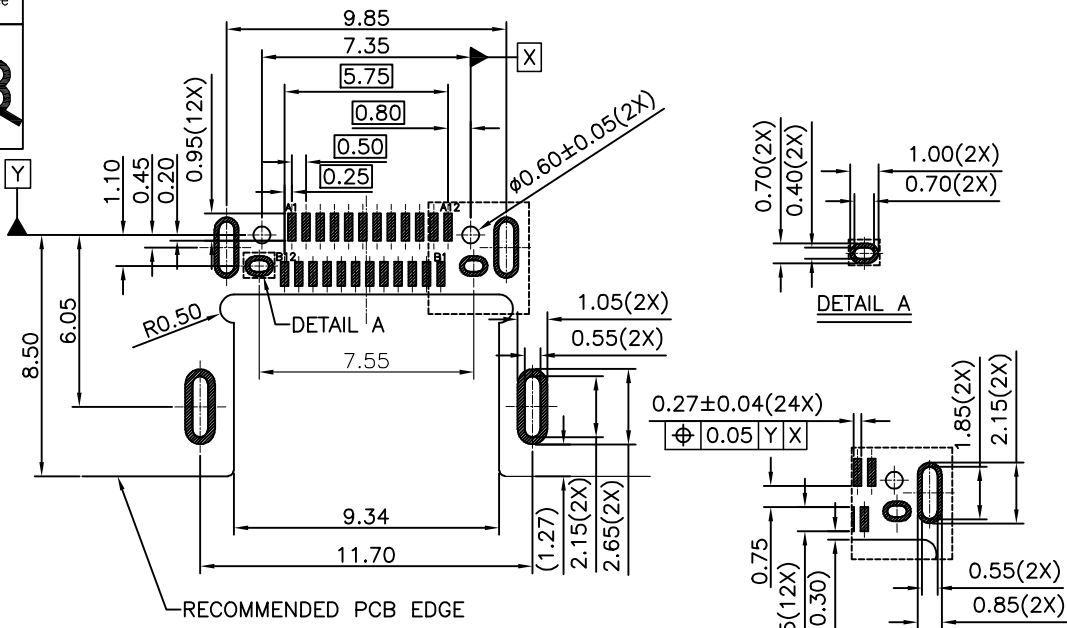
DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

560Q10-016H		30u" MIN GOLD PLATING ON CONTACT AREA
INSPECTION P/N	CUSTOMER P/N	REMARK

DIM	TOL	DIM	TOL	DRAW NO. SC2107379	DESIGN: wwz	DATE 01/07'22	APPROVAL:	TITLE: Docking UC REC CH=-0.64 Dual SMT Type CONN		
x.	±0.50	x.	±2'					P/N: 560Q10-016H	SHEET: 1/3	UNIT: mm
.x	±0.30	.x	±1'							
.xx	±0.20									
.xxx				REV. A						

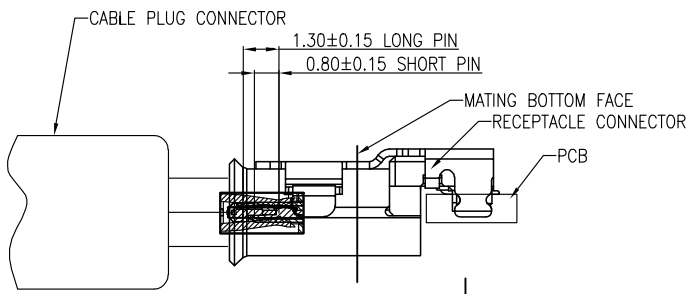


REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
			SEE SHEET 1		



- NOTES:
- MATERIAL: SEE TABLE
 - ELECTRICAL PERFORMANCES:
 - VOLTAGE RATING: 20V DC MAX
 - CURRENT RATING:
 - VBUS AND GND AT RATED OF 1.25A, PARALLELED FOR A TOTAL OF 5A.
 - LOW LEVEL CONTACT RESISTANCE:
 - 40mΩ MAX. FOR VBUS, GND AND OTHER CONTACTS,
 - 50mΩ MAX. FINAL AFTER TEST.
 - INSULATION RESISTANCE: 500 MΩ MIN
 - DIELECTRIC WITHSTANDING VOLTAGE:
 - SUBJECT A VOLTAGE OF 100V AC FOR 1MINUTE BETWEEN ADJACENT CONTACTS;
 - MECHANICAL PERFORMANCES:
 - INSERTION FORCE: 3kgf MAX.
 - EXTRACTION FORCE: 0.7kgf MIN.
 - DURABILITY: 10,000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
 - REFLOW SOLDER CAPABLE TO 260°C 10 SECS.
 - PART NUMBER INFORMATION: SEE TABLE

RECOMMENDED PAB LAYOUT
PCB THICKNESS 1.0±0.05



MATING CONDITION (REF)

PIN NO.

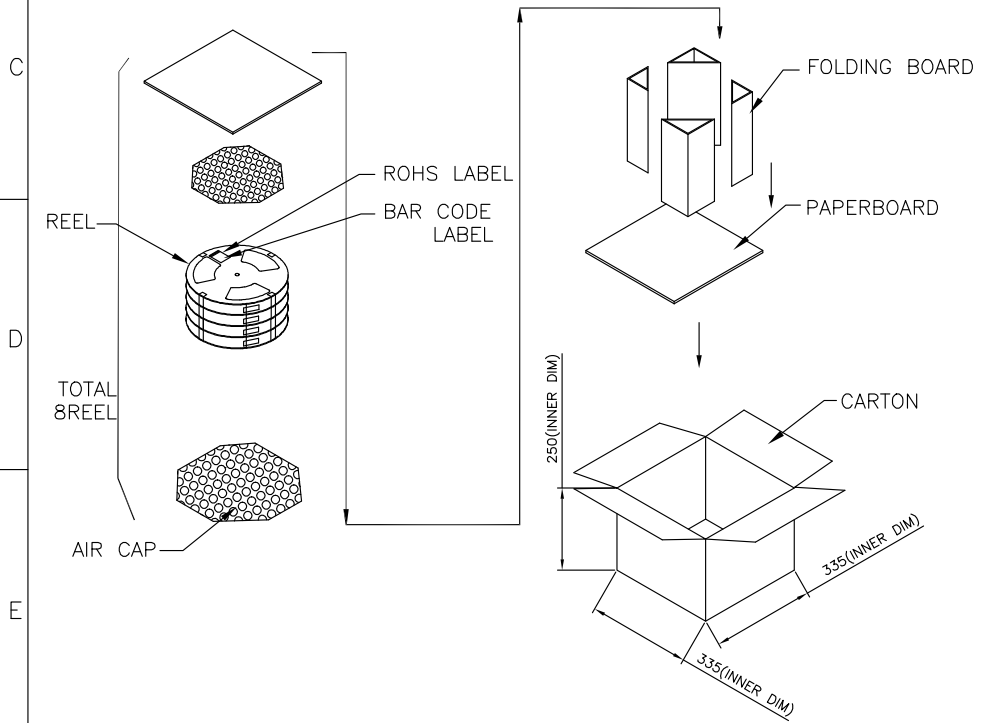
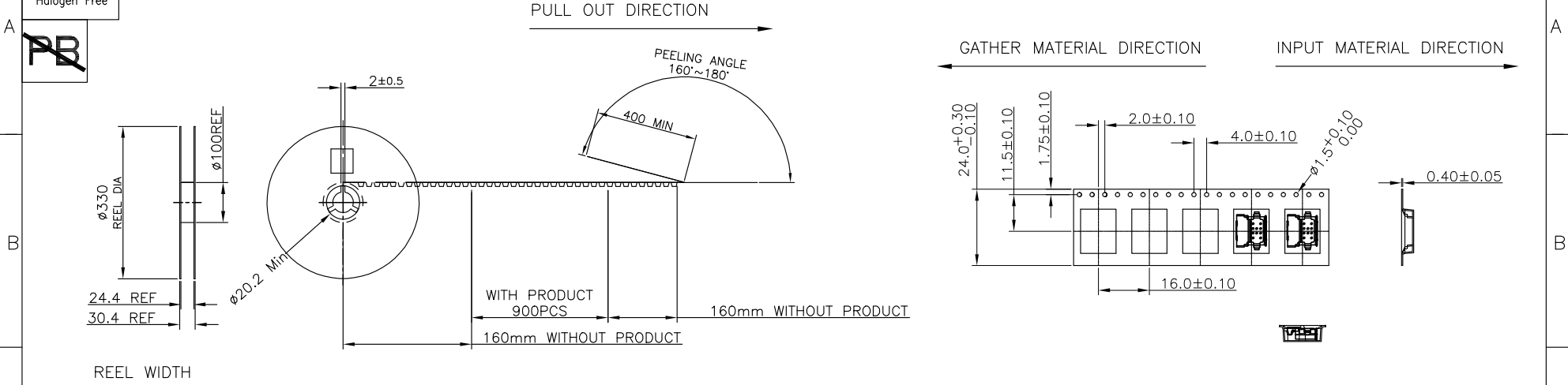
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTxp1	SSTxn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRxn2	SSRxp2	GND
GND	SSRxp1	SSRxn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTxn2	SSTxp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

				DEREN SHENZHEN DEREN ELECTRONIC CO., LTD							
DIM		TOL		DRAW NO.		DESIGN:		DATE		TITLE: Docking UC REC CH=-0.64 Dual SMT Type CONN	
.x		±0.50		SC2107379		WWZ		01/07'22		P/N: 560010-016H	
.x		±0.30		REV. A		CHECK:				SHEET: 2/3	
.xx		±0.20				APPROVAL:				SCALE: 1:1 UNIT: mm	
.xxx											

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.

- MATERIAL:
 COVER TAPE: ANTISTATIC PS T=0.05±0.01mm, COLOR: CLEAR
 CARRIER TAPE: ANTISTATIC PET 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

PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER
900	8	7200	560Q10-016H

		DEREN SHENZHEN DEREN ELECTRONIC CO., LTD	
DIM	TOL	DIM	TOL
x.	±0.50	x.	±2'
.x	±0.30	.x	±1'
.xx	±0.20		
		DRAW NO.	DESIGN: WWZ 01/07'22
		SC2107379	CHECK:
		REV. A	APPROVAL:
		CUSTOMER DRAWING	DATE
		TITLE: Docking UC REC CH=0.64 Dual SMT Type CONN	
		P/N: 560Q10-016H	
		SHEET: 3/3	
		SCALE: 1:1	UNIT: mm