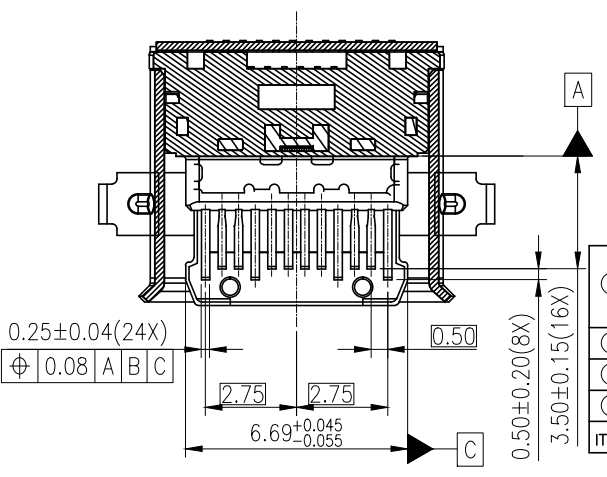
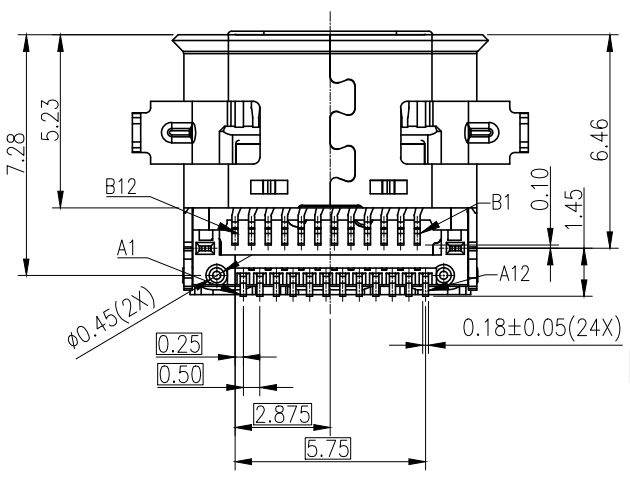
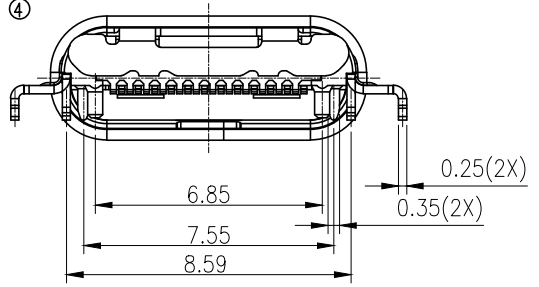
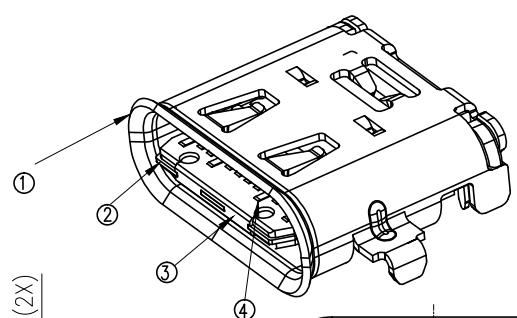
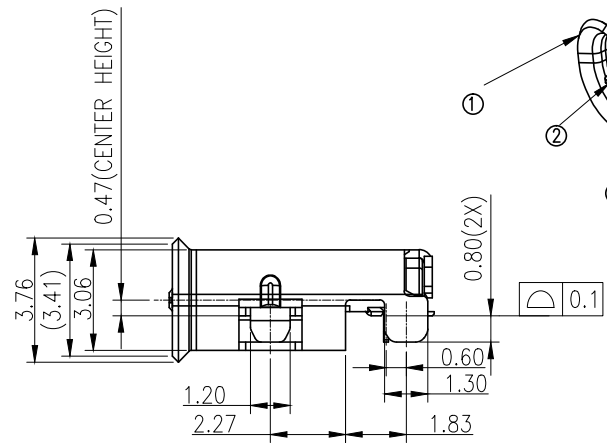
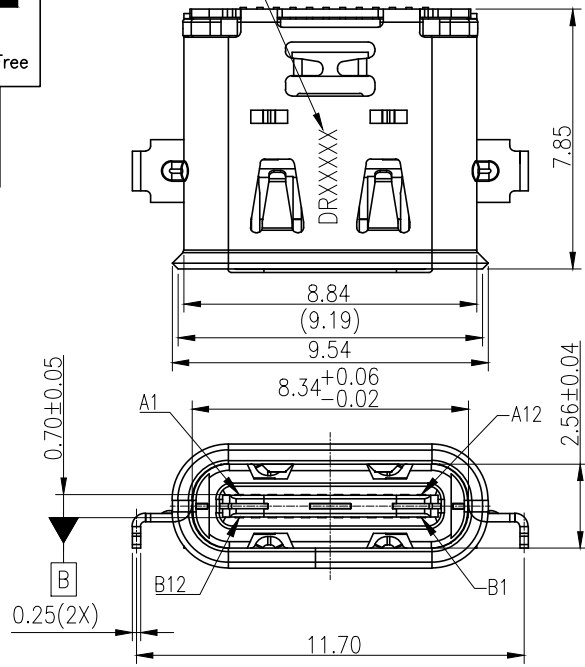


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ITEM	PART NAME	MATERIAL	REMARK
④	CONTACT	COOPER ALLOY	GOLD PLATING ON CONTACT AREA 1u" GOLD FLASH ON SOLDER AREA 50u" MIN. Ni UNDER PLATED OVER ALL.
③	I/M	HIGHTEMP-PLASTIC	UL 94-V0, BLACK
②	MID_PLATE	STAINLESS STEEL	50u" MIN Ni PLATING OVER ALL.
①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

DIM	TOL	DIM	TOL
.x	±0,50	x	±2'
.x	±0,30	.x	±1'
.xx	±0,20		
.xxx			

560Q11-001H	30u" MIN GOLD PLATING ON CONTACT AREA
560Q11-003H	12u" MIN GOLD PLATING ON CONTACT AREA
560Q11-002H	5u" MIN GOLD PLATING ON CONTACT AREA
INSPECTION P/N	CUSTOMER P/N
	REMARK

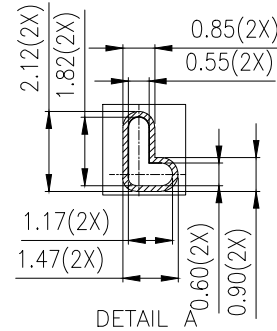
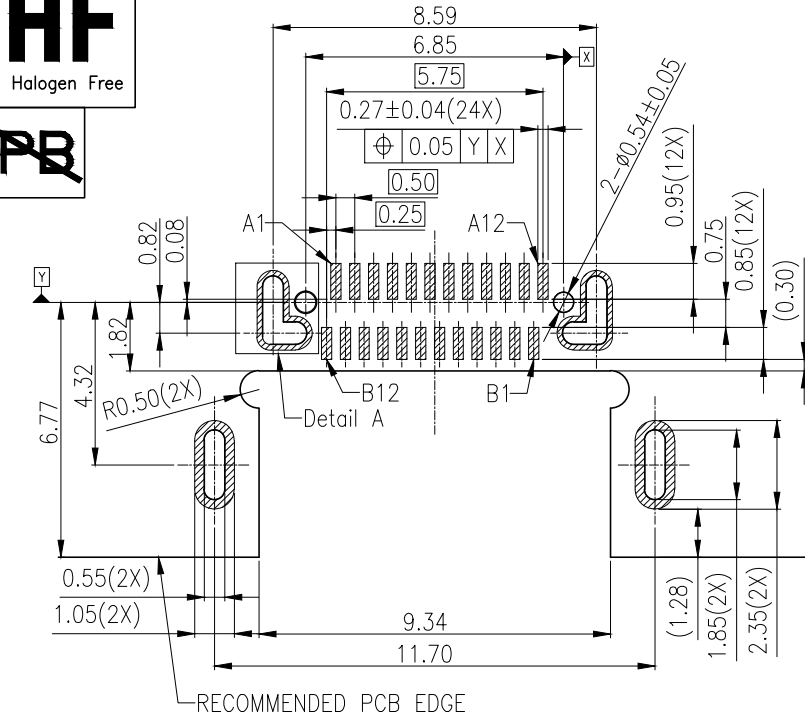
DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING	DATE	TITLE: Docking UC REC CH=0.47 Dual SMT Type CONN
DESIGN: Wang,S	2018/12/20	P/N: 560Q11-00XH
CHECK: Charlie PENG	2018/12/20	SHEET: 1/3
APPROVAL: Smark HUO	2018/12/20	SCALE: 1:1 UNIT: mm

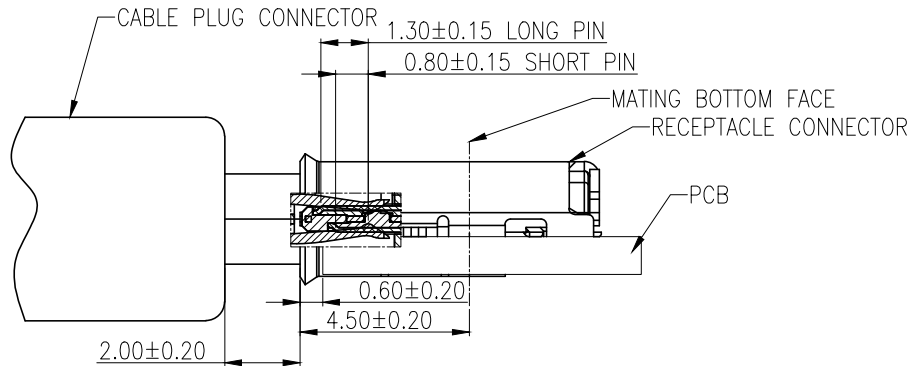
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			INITIAL RELEASE	2018/01/17	Wang_S
B			CHANGE FOR D/C POSITION	2018/04/18	Wang_S
C			CHANGE INSERTION AND EXTRACTION FORCE	2018/07/06	Wang_S
D			CHANGE FOR PCB HOLE	2018/12/20	Wang_S

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RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.0±0.05mm
TOLERANCE: ±0.05



MATING CONDITION

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 1 MINUTE BETWEEN ADJACENT CONTACTS;
- MECHANICAL PERFORMANCES:
 - INSERTION FORCE: 0.15~0.7kgf.
 - EXTRACTION FORCE: 0.15~0.7kgf.
 - DURABILITY: 10,000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
- REFLOW SOLDER CAPABLE TO 260°C 10 SECS.
- PART NUMBER INFORMATION: SEE TABLE

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

DIM	TOL	DIM	TOL
.x	±0.50	.x	±2°
.x	±0.30	.x	±1°
.xx	±0.20		
.xxx			

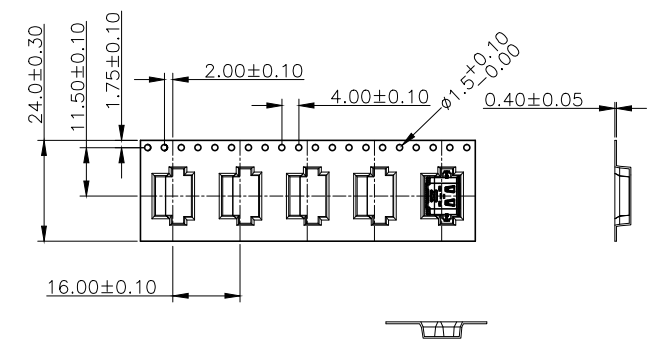
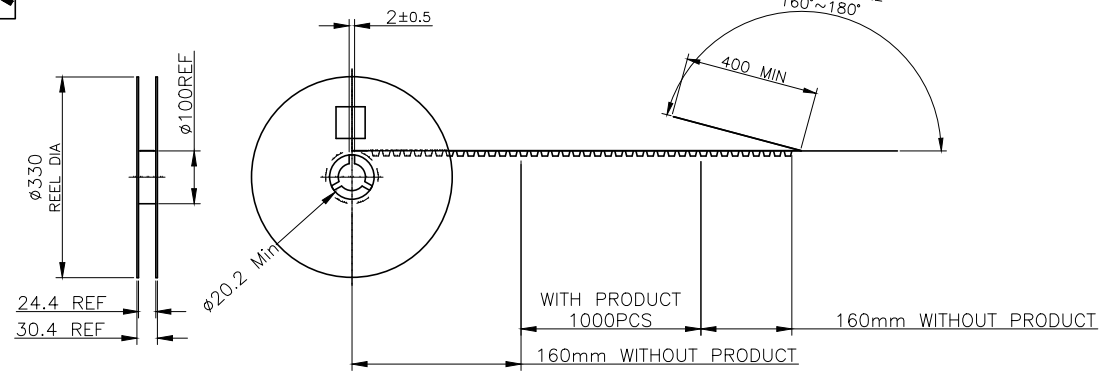
<p>DEREN SHENZHEN DEREN ELECTRONIC CO., LTD</p>	CUSTOMER DRAWING		DATE		TITLE: Docking UC REC CH=0.47 Dual SMT Type CONN P/N: 560Q11-00XH SHEET: 2/3 SCALE: 1:1 UNIT: mm
	DRAW NO. SC1702391		DESIGN: Wang.S	2018/12/20	
	REV. D		CHECK: Charlie PENG	2018/12/20	
			APPROVAL: Smark HUO	2018/12/20	

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

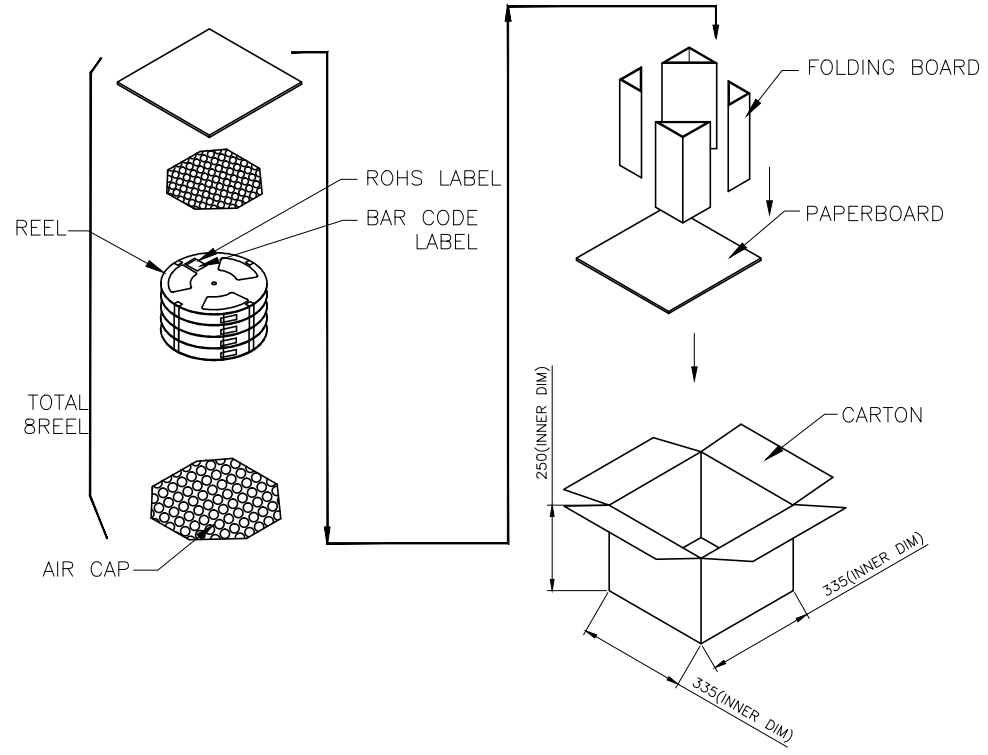


PULL OUT DIRECTION →

← GATHER MATERIAL DIRECTION INPUT MATERIAL DIRECTION →



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.

1. 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
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

1000	8	8000	560Q11-00XH
PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER

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

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SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING		DATE	TITLE: Docking UC REC CH=0.47 Dual SMT Type CONN	
DRAW NO.	DESIGN:	2018/12/20	P/N: 560Q11-00XH	
SC1702391	CHECK:	2018/12/20	SHEET: 3/3	
REV. D	APPROVAL:	2018/12/20	SCALE: 1:1	UNIT: mm