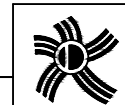


REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
X6		1/68 ~ 3/68	更新铁壳脚长度	05/18'18	Chen haibo
X7		1/67 ~ 3/67	更新铁壳脚公差	05/22'18	Chen haibo
X8		1/66 ~ 3/66	保证外拱尺寸, 折弯处开孔	05/23'18	Chen haibo

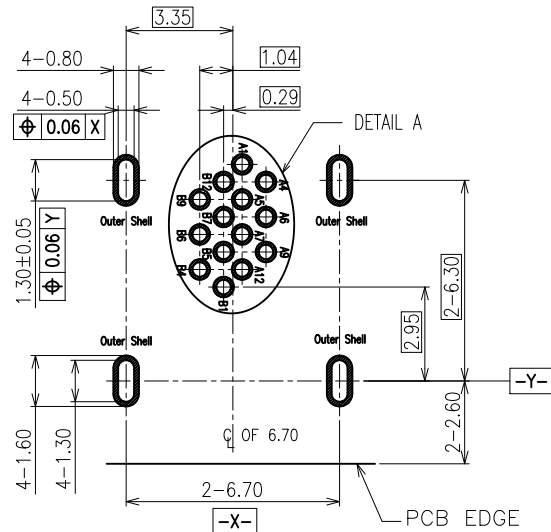
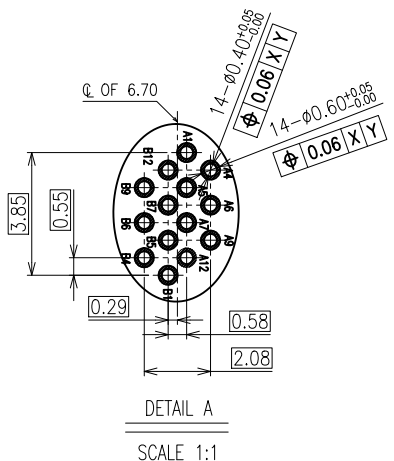
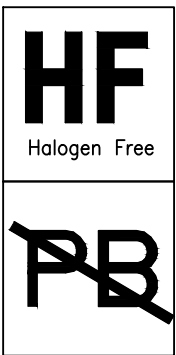
PIN	SIGNAL NAME	PIN	SIGNAL NAME
OUTER SHELL	GND	INNER SHELL	——
A1	GND	B12	GND
A2	——	B11	——
A3	——	B10	——
A4	VBUS	B9	VBUS
A5	CC1	B8	——
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	——	B5	CC2
A9	VBUS	B4	VBUS
A10	——	B3	——
A11	——	B2	——
A12	GND	B1	GND



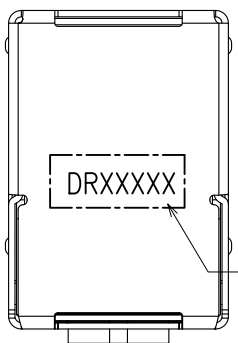
DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL
.X	±0.20	.X.	±5°
.XX	±0.15	.X	±3°
.XXX	±0.10		

DRAW NO. SC1804054		CUSTOMER DRAWING	DATE	TITLE: UC REC2.0 14Pin 侧插 CH=7.00mm CONN
DESIGN: Chen haibo	05/23'18	P/N: 560E04-001H	SHEET: 1/3	
CHECK:		SCALE: 1:1	UNIT: mm	
APPROVAL:				



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05 THICKNESS:1.20mm



DATE CODE
XX XX X
DAY 1: 周末; 7: 周六
WEEK 29: 第29周
YEAR 17:2017年

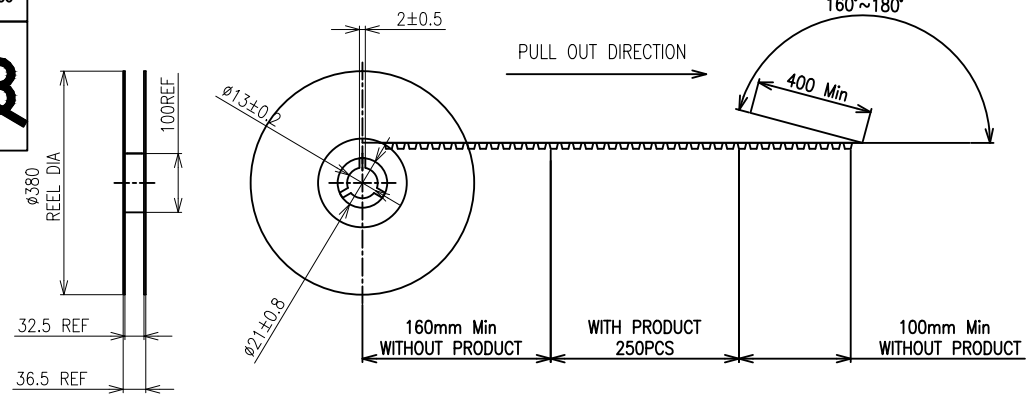
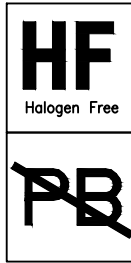
REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
X6		1/6 ~ 3/6	更新铁壳脚长度	05/18'18	Chen haibo
X7		1/6 ~ 2/6	更新铁壳脚公差	05/22'18	Chen haibo
X8		1/6 ~ 3/6	保证外拱尺寸, 折弯处开孔	05/23'18	Chen haibo

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - RATING:
 - POWER PINS COLLECTIVELY(PINS A1,A4,A9,A12,B1,B4,B9,B12):4A
 - SIGNAL PINS(OTHER) : 0.25A
 - CONTACT RESISTANCE:
 - INITIAL : 40mΩ MAX. FOR ALL CONTACTS.
 - AFTER TEST : 50mΩ MAX. FOR ALL CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE.
 - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 100 VDC.
 - MECHANICAL CHARACTERISTICS:
 - PLUG INSERTION FORCE: 5N~20N.
 - PLUG EXTRACTION FORCE INITIAL: 8N~20N. AFTER TEST :6N~20N
 - DURABILITY TEST: 10,000 CYCLES.
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 - SOLDERING HEAT RESISTANCE REFLOW SOLDERING 260°C.
 - PLUG INTERFACE DIMENSIONS CONFORM TO USB TYPE-C SPEC.
 - PACKAGING: RELL.
 - DEREN PART NUMBER DESCRIPTION:
 - 560E04-001H
 - HF:HALOGEN FREE
 - FLOW CODE
 - PIN: 14PIN
 - SERIES CODE: USB TYPE C

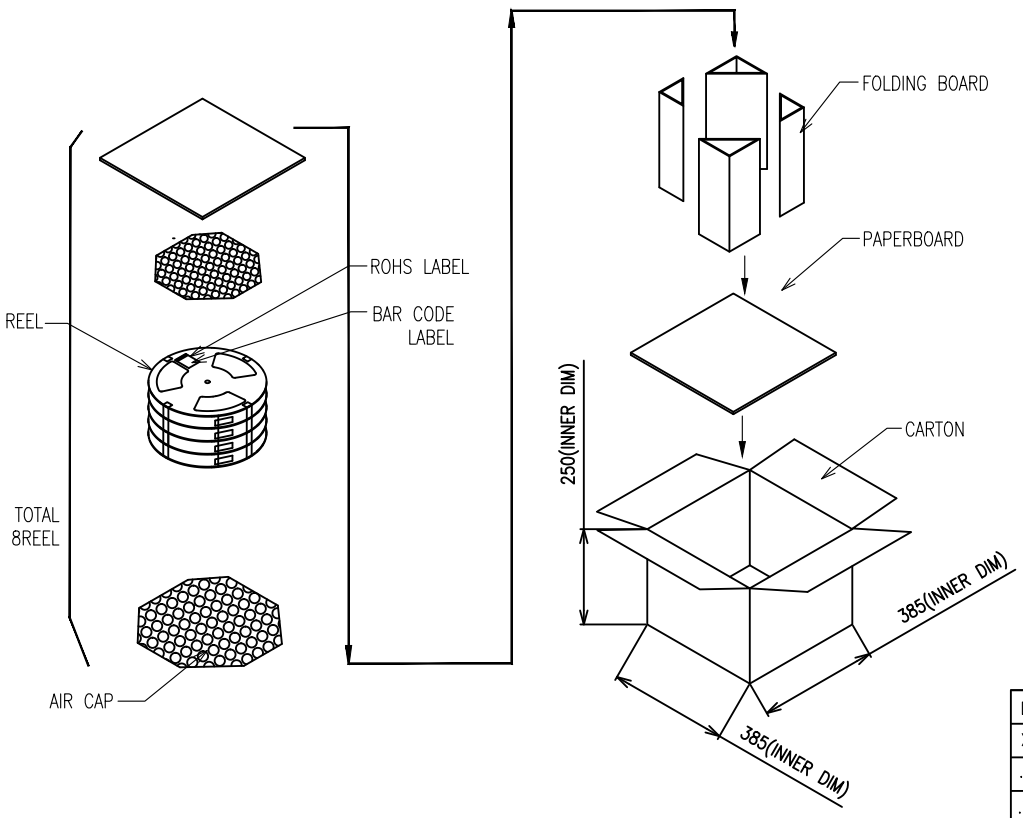
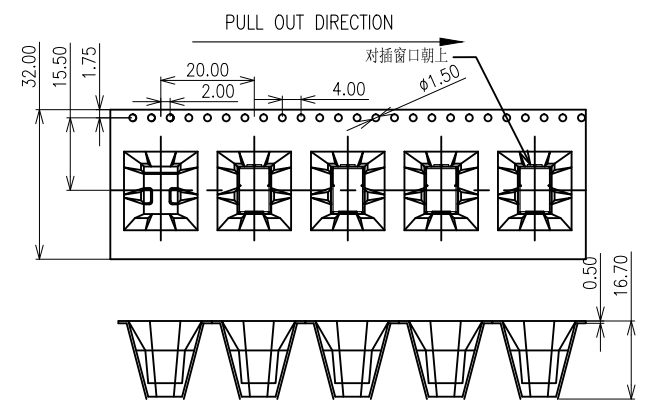
⑥	A CONTACT	1 SET	COPPER ALLOY	50u" MIN. Ni UNDER PLATING.
⑤	B CONTACT	1 SET	COPPER ALLOY	80u" MIN. MATTE TIN PLATING ON SOLDER AREA.
④	HOUSING	1 PCS	HIGH TEMP PLASTIC	UL94V-0; WHITE
③	OUTER SHELL	1 PCS	STAINLESS	50u" MIN. SOLDERABLE Ni PLATING OVER ALL.
②	SHELL	1 PCS	STAINLESS	
①	MID-PLATE	1 PCS	STAINLESS	
ITEM	PART NAME	Q'TY	MATERIAL	REMARK

DIM	TOL	DIM	TOL
.X	±0.20	X.	±5°
.XX	±0.15	.X	±3°
.XXX	±0.10		

	DEREN SHENZHEN DEREN ELECTRONIC CO., LTD	
	CUSTOMER DRAWING	DATE
DRAW NO.	DESIGN:	TITLE: UC REC2.0 14Pin 侧插 CH=7.00mm CONN
SC1804054	Chen haibo	05/23'18
REV. X8	CHECK:	P/N: 560E04-001H
APPROVAL:		SHEET: 2/3
		UNIT: mm



REV	ECN	LOCATION	DESCRIPTION	DATE	DESIGN
X6		1/60 ~ 2/60	更新铁壳脚长度	05/18'18	Chen haibo
X7		1/60 ~ 2/60	更新铁壳脚公差	05/22'18	Chen haibo
X8		1/60 ~ 2/60	保证外拱尺寸, 折弯处开孔	05/23'18	Chen haibo



- 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 P.S T=0.05±0.01 , COLOR: CLEAR
CARRIER TAPE : ANTISTATIC P.S T=0.5mm±0.05 , 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

250	6	1500	560E04-001H
PCS/ REEL	REEL/ BOX	PCS/ BOX	PART NUMBER

DIM	TOL	DIM	TOL		DEREN SHENZHEN DEREN ELECTRONIC CO., LTD			
	X.		±0.30		X.	±2'	CUSTOMER DRAWING	DATE
.X	±0.25	.X	±1'	DRAW NO.	DESIGN:	Chen haibo	05/23'18	P/N: 560E04-001H
.XX	±0.15			SC1804054	CHECK:			SHEET: 3/3
.XXX	±0.05			REV. X8	APPROVAL:			SCALE: 1:1 UNIT: mm