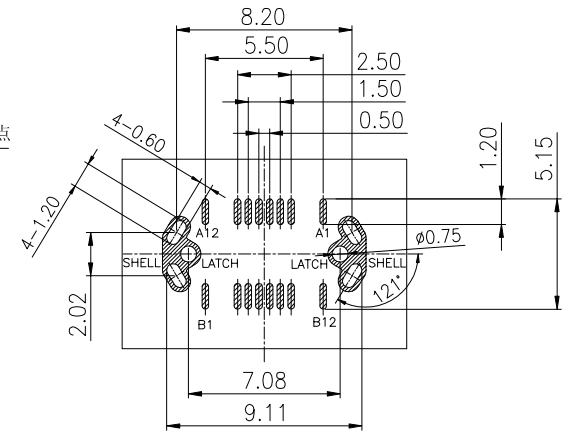
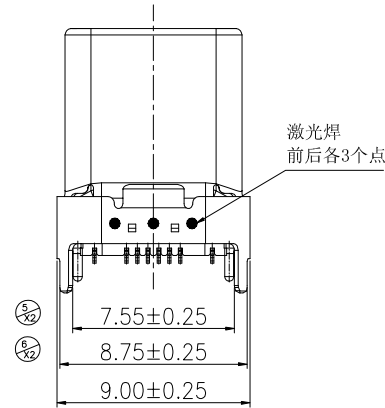
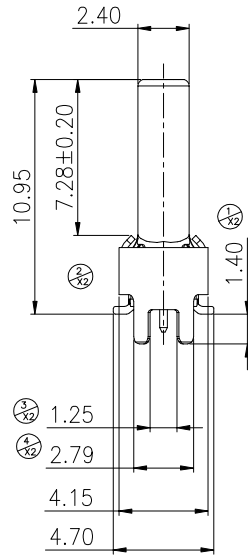
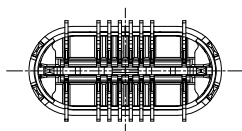
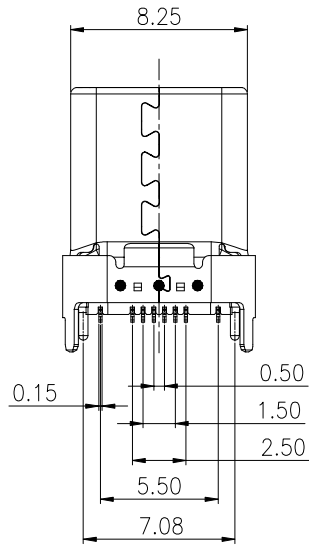
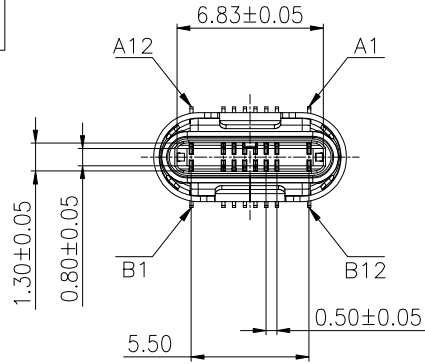


HF

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P.C.B LAYOUT
 PCB T=0.80mm
 TOLERANCES: ± 0.05

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2016.12.11	Johnny
X2		$\frac{1}{X2}$ ~ $\frac{4}{X2}$	1. CHANGE PINS DESCRIPTION 2. CHANGE SHELL DIP	2017.02.13	Liangkeyao
X3		$\frac{1}{X3}$	ADD NOTE	2017.09.11	Liangkeyao
X4	EC-C170402	$\frac{1}{X4}$	1. CHANGE SHELL SIZE 2. CHANGE HOUSING DESIGN 3. CHANGE LATCH DESIGN	2017.11.09	Liangkeyao
X5		$\frac{1}{X5}$	UPDATE PCB LAYOUT	2018.06.11	Liangkeyao

DIM	TOL	DIM	TOL
x.	± 0.30	x.	$\pm 2^{\circ}$
.x	± 0.25	.x	$\pm 1^{\circ}$
.xx	± 0.15		

**DEREN**

SHENZHEN DEREN ELECTRONIC CO., LTD

DRAW NO.
SC1601288

REV. X5

CUSTOMER DRAWING

DESIGN: Liangkeyao

CHECK:

APPROVAL:

DATE

2018.06.11

TITLE: USB TYPE C PLUG
90° SMT 16P ASSY

P/N: 560G04-001H

SHEET: 1/3

SCALE: 1:1 UNIT: mm

HF

Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2016.12.11	Johnny
X2		① X2 ~ ④ X2	1. CHANGE PINS DESCRIPTION 2. CHANGE SHELL DIP	2017.02.13	Liangkeyao
X3		① X3	ADD NOTE	2017.09.11	Liangkeyao
X4	EC-C170402	① X4	1. CHANGE SHELL SIZE 2. CHANGE HOUSING DESIGN 3. CHANGE LATCH DESIGN	2017.11.09	Liangkeyao
X5		① X5	UPDATE PCB LAYOUT	2018.06.11	Liangkeyao

NOTES:

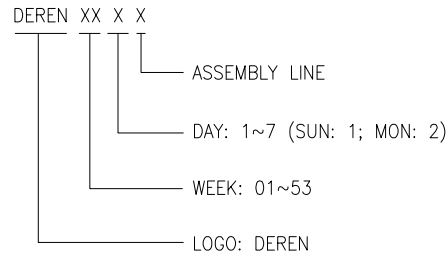
1. MATERIAL

- 1.1 HSG: HIGH TEMPERATURE THERMOPLASTIC UL94V-0; COLOR: BLACK
- 1.2 HOLDER: HIGH TEMPERATURE THERMOPLASTIC UL94V-0; COLOR: BLACK
- 1.3 CONTACT: COPPER ALLOY
- 1.4 LATCH: STAINLESS STEEL
- 1.5 SHELL: STEEL
- 1.6 OUT SHELL: STEEL

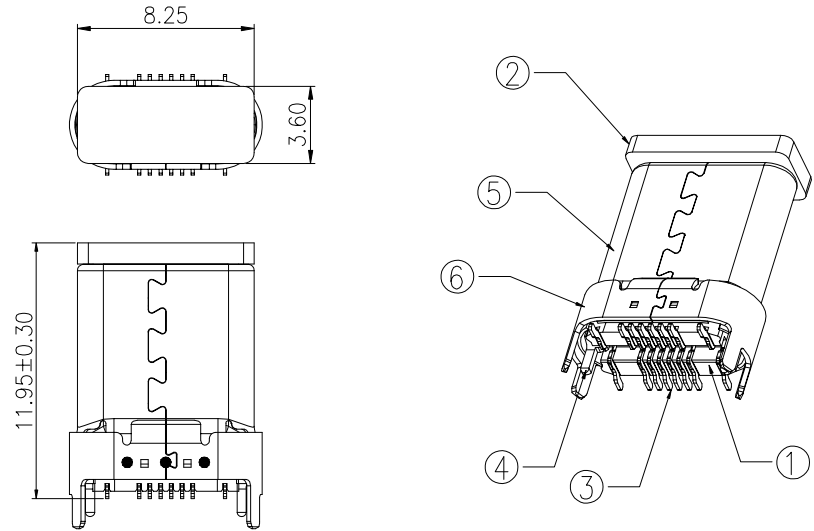
2. FINISH:

- 2.1 CONTACT:
 - 5u" [0.127um] MIN. Au PLATING ON CONTACT AREA.
 - 100u" [2.54um] MIN. TIN PLATING ON SOLDER TAIL AREA.
 - 50u" [1.27um] MIN. NICKEL. UNDERPLATING ON ALLOVER AREA.
- 2.2 LATCH:
 - 100u" [2.54um] MIN. TIN PLATING ON SOLDER TAIL AREA.
 - 50u" [1.27um] MIN. NICKEL. UNDERPLATING ON ALLOVER AREA.
- 2.3 SHELL
 - PEARL NICKEL
- 2.4 OUT SHELL
 - WELDABLE NICKEL

- ③ 3. DIELECTRIC WITHSTANDING VOLTAGE: 300V AC/MINUTE FOR PER PIN.
- 4. INSULATION RESISTANCE: 100M OHM BETWEEN ADJACENT CONTACTS AT 300V DC .
- 5. TEMPERATURE RISING: 5A 30°C FOR VBus AND GND PIN.
- 6. DATE CODE INFORMATION:



PLUG WITH HOLDER



PINS DESCRIPTION
PLUG FRONT VIEW

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			VBus	SBU1	D-	D+	CC	VBus			GND
GND			VBus	Vconn			SBU2	VBus			GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		



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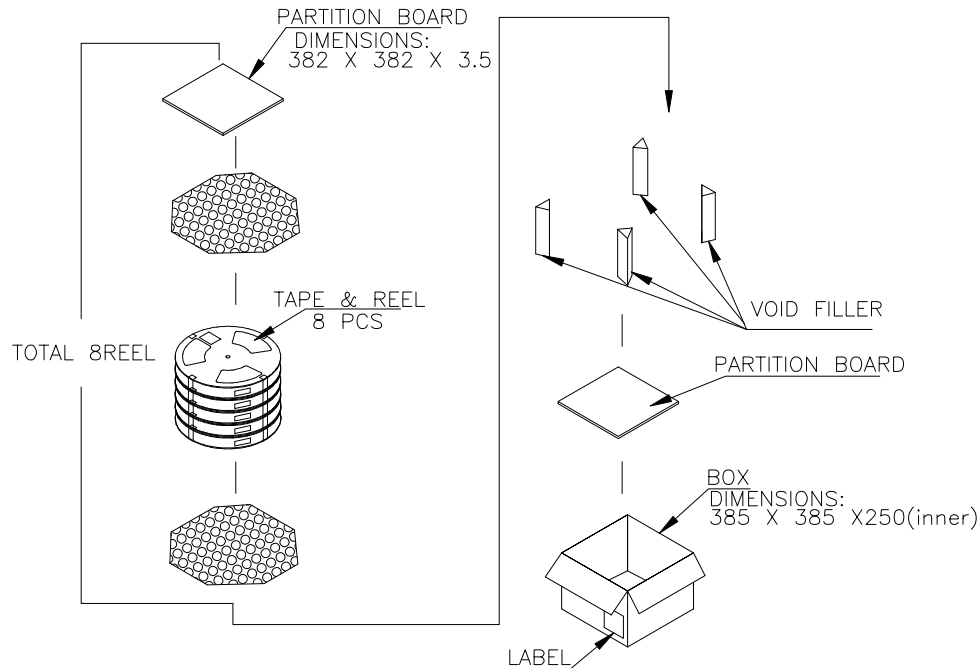
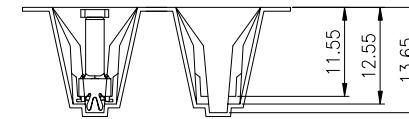
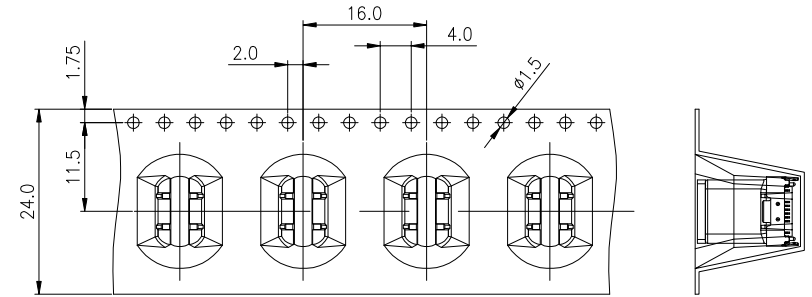
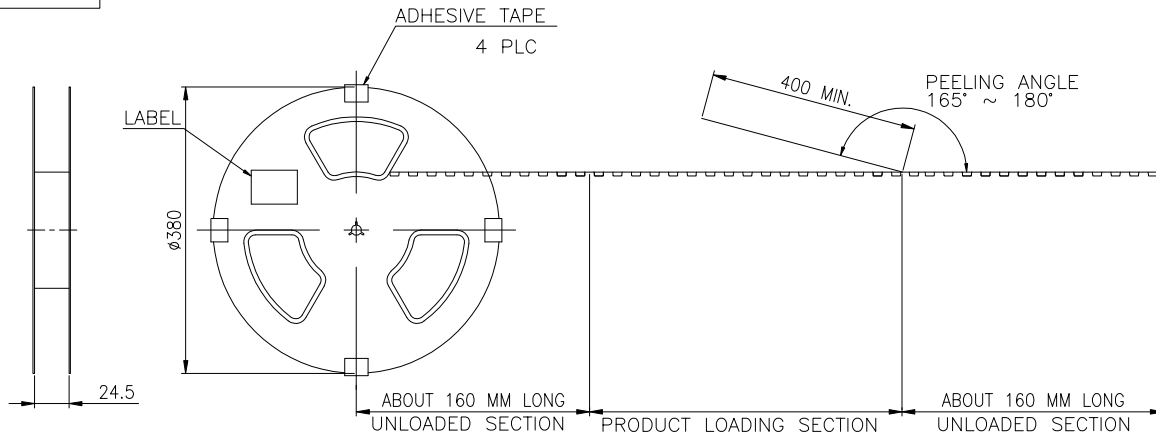
CUSTOMER DRAWING	DATE
DESIGN: Liangkeyao	2018.06.11
CHECK:	
APPROVAL:	

TITLE:	P/N:
USB TYPE C PLUG 90° SMT 16P ASSY	560G04-001H
SHEET: 2/3	SCALE: 1:1
UNIT: mm	

HF

Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2016.12.11	Johnny
X2		① X2 ~ ④ X2	1. CHANGE PINS DESCRIPTION 2. CHANGE SHELL DIP	2017.02.13	Liangkeyao
X3		① X3	ADD NOTE	2017.09.11	Liangkeyao
X4	EC-C170402	① X4	1. CHANGE SHELL SIZE 2. CHANGE HOUSING DESIGN 3. CHANGE LATCH DESIGN	2017.11.09	Liangkeyao
X5		① X5	UPDATE PCB LAYOUT	2018.06.11	Liangkeyao



NOTES:

1. MATERIAL:

COVER TAPE: PET, COLOR: TRANSPARENT;
CARRIER TAPE: PS, COLOR: TRANSPARENT
REEL: PS, COLOR: BLUE

2. QUANTITY: SEE TABLE

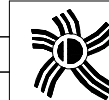
3. WEIGHT: SEE TABLE

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

5. PEELING SPEED: 300mm/MINUTES

400	8	3200
PCS/REEL	REELS/BOX	PCS/BOX

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2*
.x	±0.25	.x	±1*
.xx	±0.15		



DEREN

SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING		DATE		TITLE: USB TYPE C PLUG 90° SMT 16P ASSY	
DESIGN:	Liangkeyao	2018.06.11		P/N: 560G04-001H	
CHECK:				SHEET: 3/3	
APPROVAL:				SCALE: 1:1	UNIT: mm

DRAW NO.
SC1601288

REV. X5