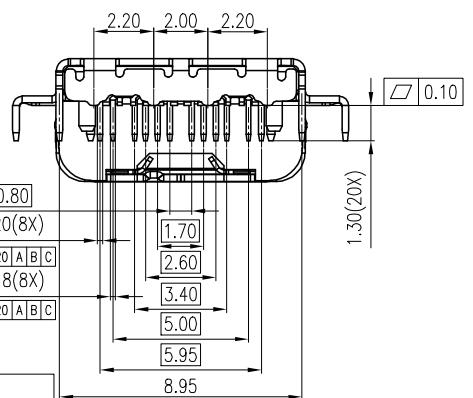
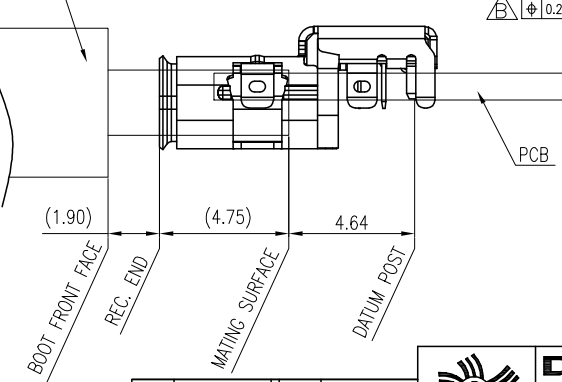
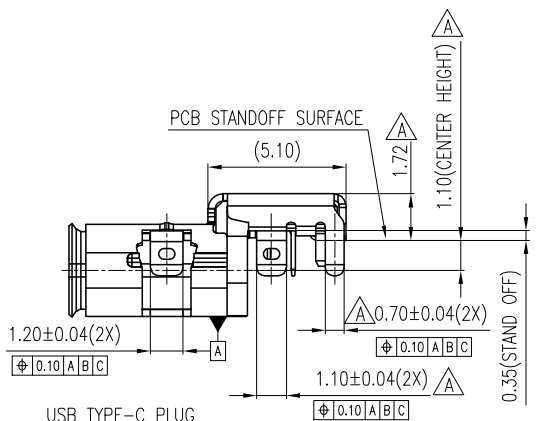
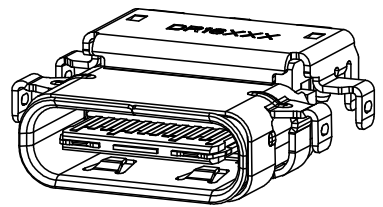
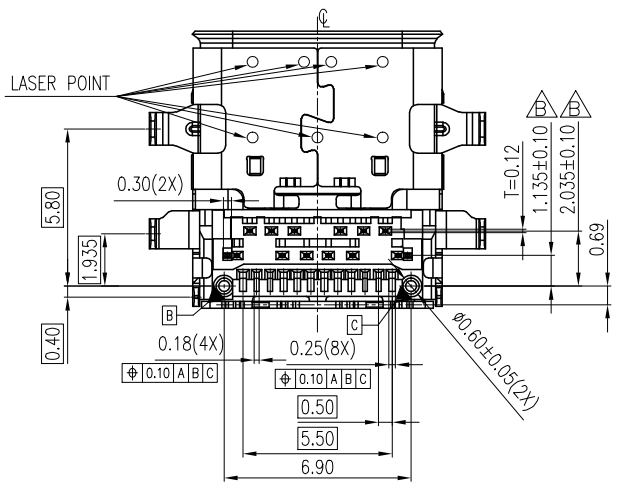
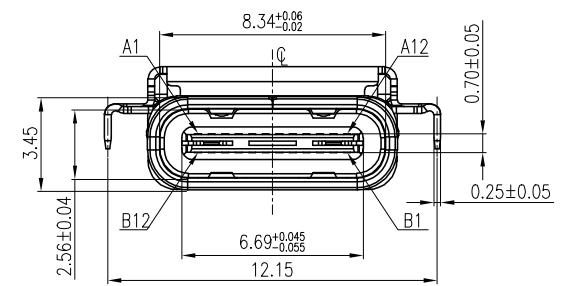
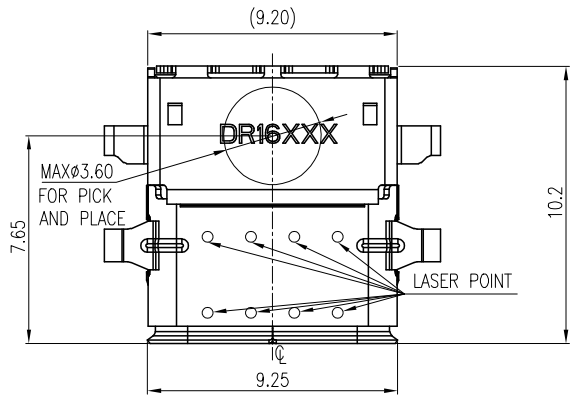


HF
Halogen Free



NO.	PART NAME	MATERIAL	Q'TY
5	CONTACT	COPPER ALLOY	24
4	MID-PLATE	STAINLESS STEEL	1
3	HOSING	BLACK,UL94 V-0	1
2	OUTER SHELL	STAINLESS STEEL	1
1	INNER SHELL	STAINLESS STEEL	1

DIM	TOL	DIM	TOL
X.	±0.30	x.	±2'
.X	±0.25	.x	±1'
.XX	±0.15		
.XXX	±0.05		

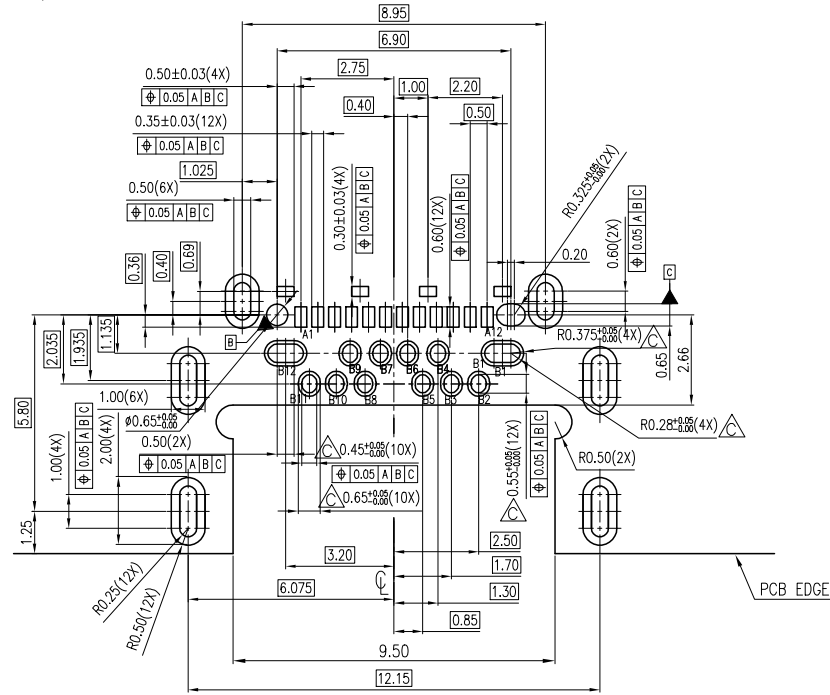
DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

CUSTOMER DRAWING		DATE	TITLE: USB TYPE C REC 3.1 24PIN SINK CH=1.10 CONNECTOR
DESIGN:	Winner	03/25'20	P/N:40-42515-A0X00RHF
CHECK:	Charles	03/25'20	SHEET: 1/3
APPROVAL:	Smark	03/25'20	SCALE: 1:1 UNIT: mm

HF
Halogen Free



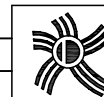
A
(PCB TOP SURFACE)



RECOMENED P.C.B LAYOUT(T=1.0mm)
TOLERANCE: ±0.05

1. ELECTRICAL :
- 1-1.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.
 - 1-2.INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
 - 1-3.DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
 - 1-4.LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
- 2.MECHANICAL CHARACTERISTICS :
- 2-1.INSERTION FORCE :5N~20N .
 - 2-2.EXTRACTION FORCE :8N~20N .
 - 2-3.DURABILITY :10,000 MATING CYCLES.
 - 2-4.OPERATING TEMPERATURE :-55°C TO +85°C
3. REFLOW SOLDER CAPABLE TO 260°C 10 SECONDS.
4. PART NUMBER DESCRIPTION:
40-42515-AOXXOORHF

HF:HALOGEN FREE
PACKAGE CODE:
R:TAPE&REEL PACKING
RESERVED CODE: 0
LOGO CODE:
0: W/ DEREN LOGO
1: W/O LOGO
CONTACT PLATING CODE:
1: Au 30u"
2: Au 2u" & Pd/Ni 30u"
3: Gold Flash
FORM CODE:
PIN NUMBER CODE:
A: 24 PINS



DEREN

SHENZHEN DEREN ELECTRONIC CO.,LTD

DRAW NO.
SCXXXXXXX

REV. A

CUSTOMER DRAWING

DESIGN: Winner

CHECK: Charles

APPROVAL: Smark

DATE

03/25'20

03/25'20

03/25'20

TITLE: USB TYPE C REC 3.1 24PIN
SINK CH=-1.10 CONNECTOR

P/N: 40-42515-AOXXOORHF

SHEET: 2/3

SCALE: 1:1 UNIT: mm

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

