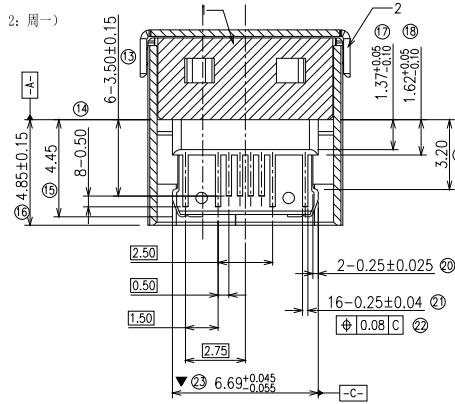
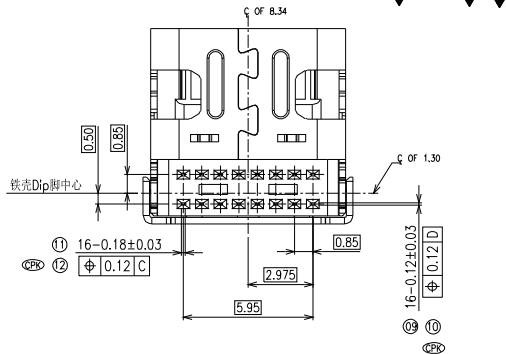
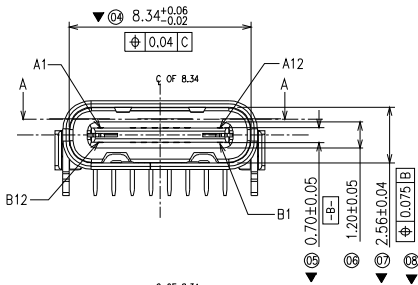
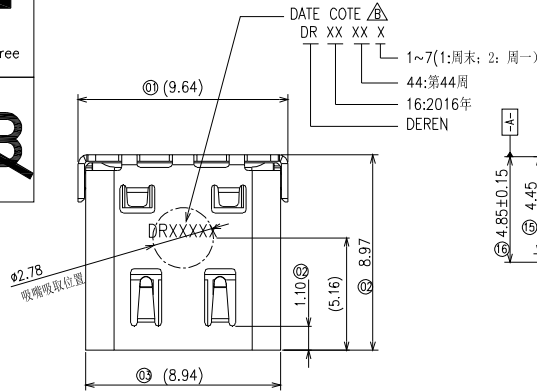
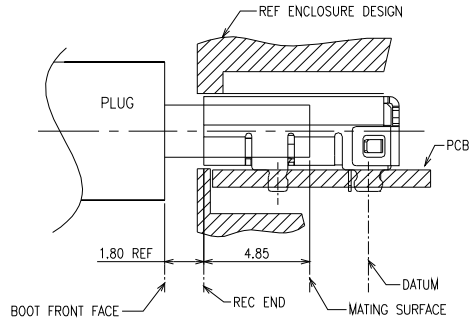
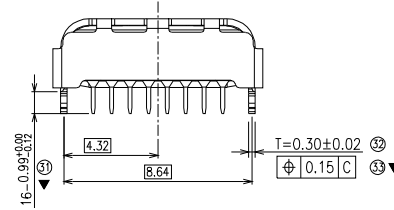
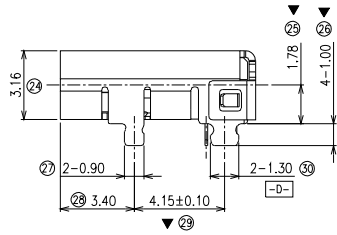


HF
Halogen Free



SECTION: A-A



MATING INTERFACE

DIM	TOL	DIM	TOL
X.	±0.30	X.	±3'
.X	±0.20	.X	±2'
.XX	±0.10		
.XXX	±0.08		

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A			新版发行	09/27'16	Wubin
B	EC-C160068	△	变更激光镭射"DATE CODE"位置	11/12'16	Wubin
C	EC-C170230	△	依协会规范更新图面&新增黑色塑胶镀金5u"规格	05/23'16	Wubin
D		△	新增黄色塑胶规格	04/09'20	Chen haibo

NOTES :

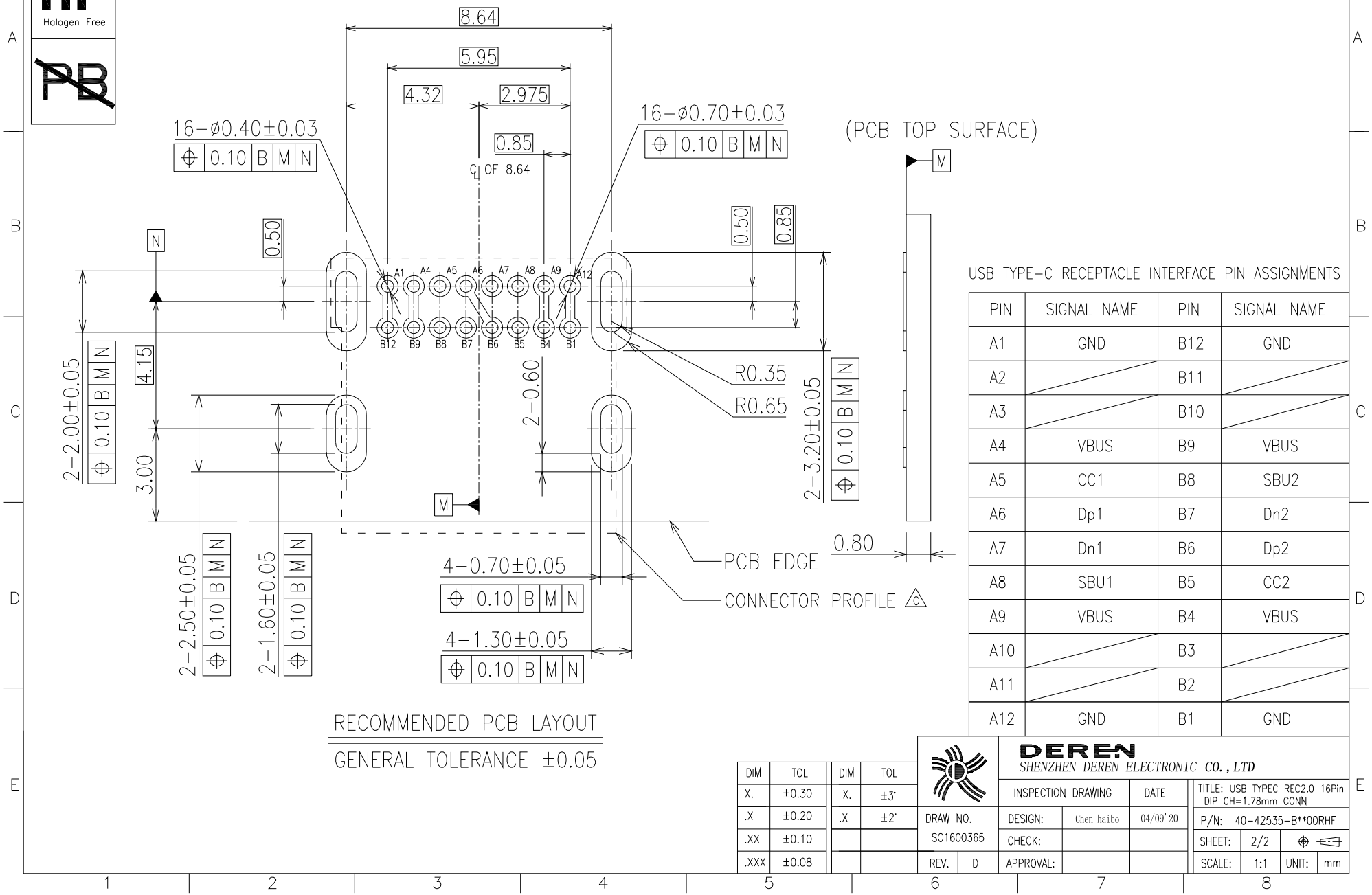
- ELECTRICAL :
 - CONTACT CURRENT RATING :
 - △ 5.0A FOR VBUS (A4,A9,B4,B9)
 - 1.25A FOR Vconn (B5,)
 - △ 6.25A FOR GND (A1,A12,B1,B12)
 - 0.25A FOR ALL THE OTHERS CONTACTS.
 - INSULATION RESISTANCE :
 - 100 MEGAOHMS MIN. AT 300VDC. △
 - DIELECTRIC WITHSTANDING VOLTAGE :300VAC, 0.5mA. △
 - LOW LEVEL CONTACT RESISTANCE :
 - INITIAL 40mΩ MAX. AFTER 50mΩ MAX.
- MECHANICAL CHARACTERISTICS :
 - INSERTION FORCE : 5N~20N .
 - EXTRACTION FORCE :
 - 8N~20N FROM 1 TO 1000 CYCLES
 - 6~20N FROM 1001 TO 10000 CYCLE.
 - DURABILITY : 10,000 MATING CYCLES.
 - OPERATING TEMPERATURE : -55°C TO +85°C
- MARKED "▼" SHOULD BE CONTROLLED BY QIP.
- MARKED "XX" SHOULD BE MEASURED IN FAI.
- "CPK" SHOULD BE MEASURED BY CPK.
- PART NUMBER INFORMATION:
 - 40-42535- B * * 0 0 R HF

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 5u"
0: 黑色塑胶/1: 白色塑胶
△ 2: 黄色塑胶
PIN NUMBER CODE:16 PIN

DEREN		SHENZHEN DEREN ELECTRONIC CO., LTD	
INSPECTION DRAWING		DATE	TITLE: USB TYPEC REC2.0 16Pin DIP CH=1.78mm CONN
DESIGN:	Chen haibo	04/09'20	P/N: 40-42535-B**00RHF
CHECK:			SHEET: 1/2
APPROVAL:			SCALE: 1:1 UNIT: mm

ITEM	PART NAME	PART NO	Q'TY	MATERIAL	REMARK
②	SHELL	14-41020-63	1 PCS	SUS304R-1/2H	50u" MIN. SOLDERABLE Ni PLATING OVER ALL.
①	一体式molding (SEE NOTES 7)	600G04-001H	1 PCS	LCP, E6808 BLACK	PLATING:5u" Au PLATING ON CONTACT AREA.
		41-41055-109HF		LCP, E6808 WHITE	PLATING:5u" Au PLATING ON CONTACT AREA.
		41-41055-65HF		LCP, E6808 BLACK	PLATING:30u" Au PLATING ON CONTACT AREA.

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



USB TYPE-C RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A2		B11	
A3		B10	
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		B3	
A11		B2	
A12	GND	B1	GND

DIM	TOL	DIM	TOL
X.	±0.30	X.	±3°
.X	±0.20	.X	±2°
.XX	±0.10		
.XXX	±0.08		

**DEREN**
SHENZHEN DEREN ELECTRONIC CO., LTD

INSPECTION DRAWING	DATE	TITLE: USB TYPE-C REC2.0 16Pin DIP CH=1.78mm CONN
DESIGN: Chen haibo	04/09'20	P/N: 40-42535-B**00RHf
CHECK:		SHEET: 2/2
APPROVAL:		SCALE: 1:1 UNIT: mm

DRAW NO.	SC1600365
REV.	D

