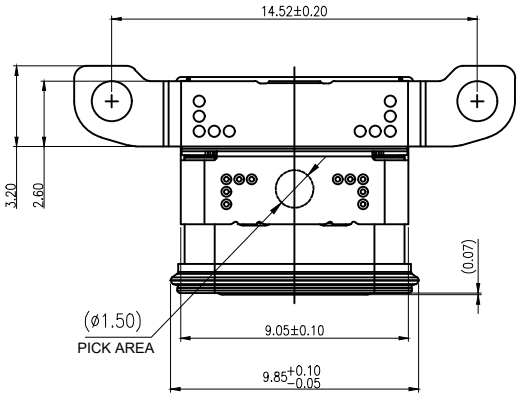
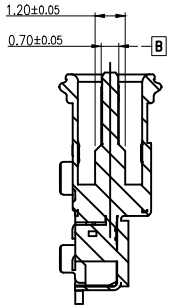
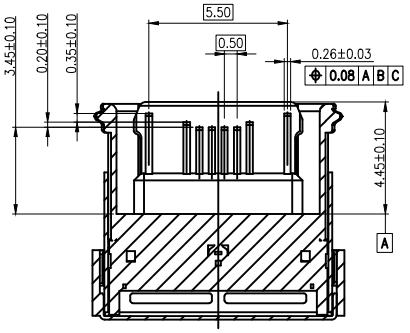
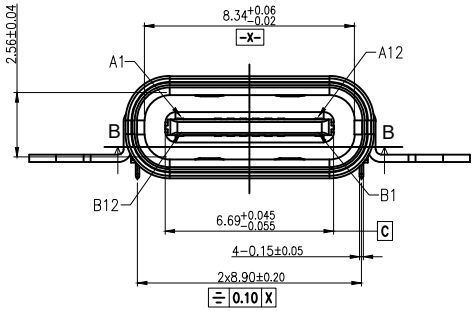
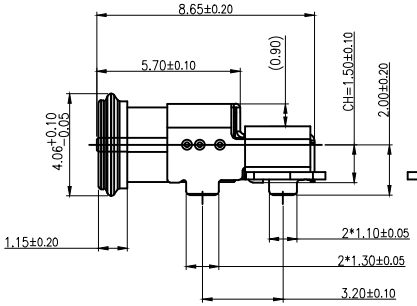


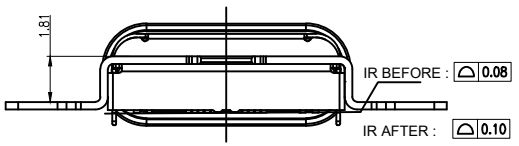


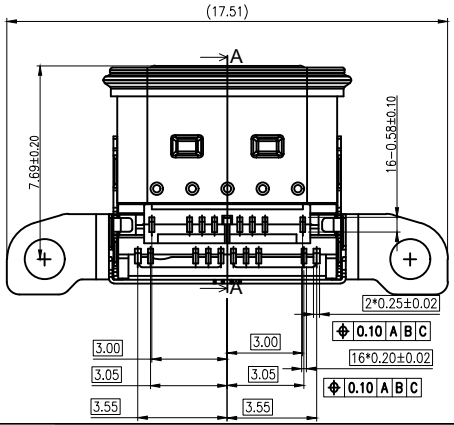


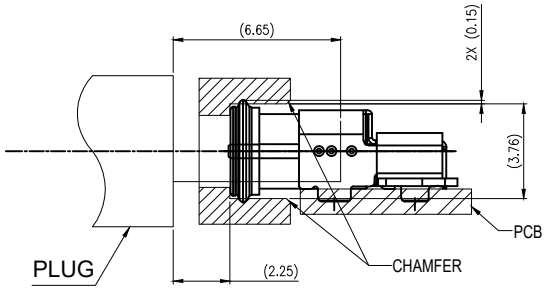
SPECIFICATION:
1. Material & Finish:See the list
2. Mechanical:
   2.1.Mating force:5-20N
   2.2.Unmating force:Initial:8-20N;Final:6-20N
   2.3.Durability:10000 Cycles
3.Electrical:
   3.1.Current Rating:
   VBus Pins:5A, Vconn Pin:1.25A, Other Pins:0.25A
   3.2.Voltage Rating:30V Max.;
   3.3.Dielectric Withstanding volage:100Vac,60S,10mA
   3.4.Contact resistance:40m Ohms Max.;
   3.5.Insulation Resistance:100M Ohms Min.
4.Environmental:
   4.1.Operating temperature:-40°C~+85°C;
   4.2.Salt Spray Test:48H Min.(No oxidation or rust)
   4.3.Wetting Temperature:265±5°C,5±0.5s
   4.5.Waterproof Level:IPX8













PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4			B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return			Ground return

MARK	DESCRIPTION	DATE	REVISED	APPROVED
△X				
△X				
△X				

REVISIONS

ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

UNSPECIFIED TOLERANCES

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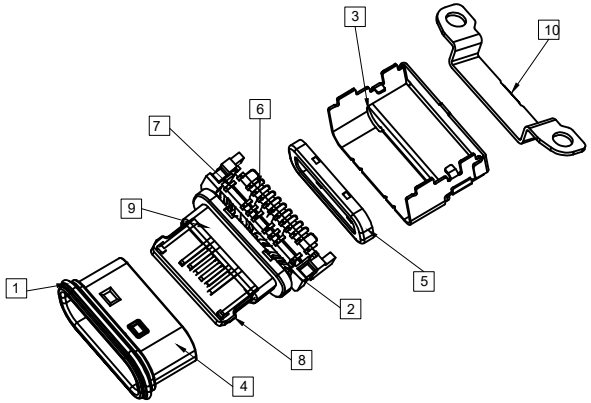
DSND		SCALE: N/A
DWN		VIEW:
CHKD		UNIT: mm/in
APPD		SIZE: A4

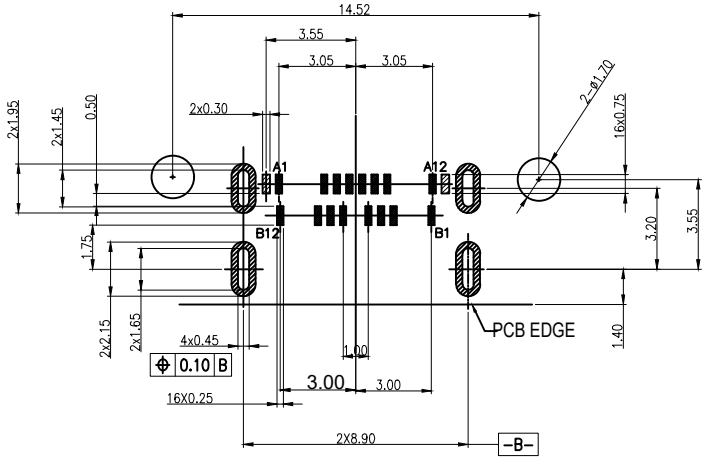
USB 3.1 C TYPE FEMALE TOP CONNECTOR CH=1.50mm

PART NO.:

DWG NO.:

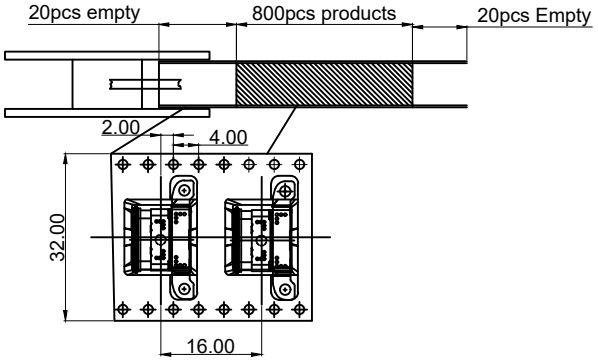
WEIGHT	SHEET	REVISION
	1/1	A0



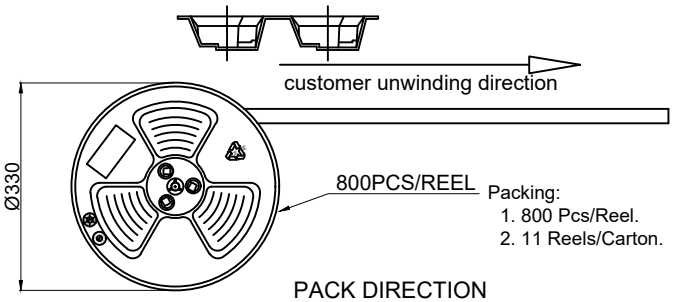


RECOMMENDED PCB LAYOUT

(Tolerance=±0.05)



1	密封圈	1PCS	硅胶，黑色
2	胶水	1PCS	环氧胶，黑色
3	外壳	1PCS	SUS304 1/2H ,T=0.15.镀镍50u″ MIN.
4	内拉伸壳	1PCS	SUS316,T=0.20. 清洗
5	EMI拉伸壳	1PCS	SUS304 1/4H ,T=0.12.镀镍50u″ MIN.
6	上排端子	1SET	C18400,T=0.12.底层镀镍 50-120u″,功能接触区单面
7	下排端子	1SET	刷镀 Au 15u″,焊接区双面镀金 G/F.
8	中钢片	1PCS	SUS301, H T=0.15，镀镍50u″ MIN.
9	塑胶	1PCS	PA46 BLACK
10	马甲	1PCS	SUS304,1/2H T=0.30.镀镍50U″ MIN



Packing:
1. 800 Pcs/Reel.
2. 11 Reels/Carton.

PACK DIRECTION

	REEL	CARTON
CONNECTOR (PCS)	800	8800

IP-X8

MARK	DESCRIPTION	DATE	REVISED	APPROVED
△X				
△X				
△X				

REVISIONS

ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

UNSPECIFIED TOLERANCES

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DSND		SCALE: N/A	USB 3.1 C TYPE FEMALE TOP CONNECTOR
DWN		VIEW:	PART NO.: 82216-481
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0