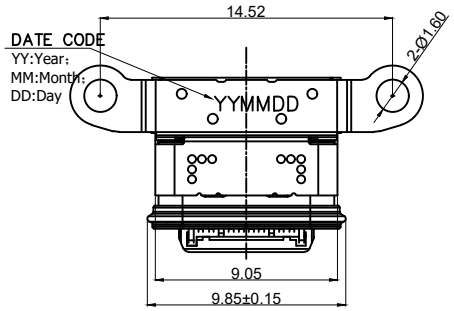
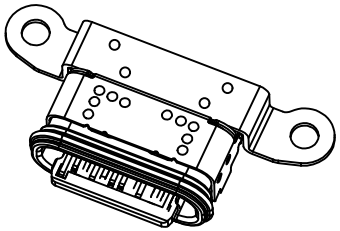
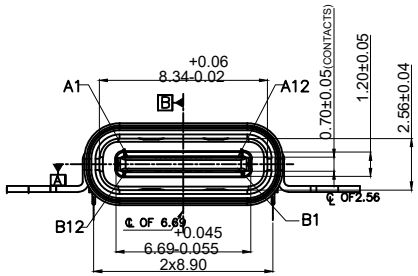
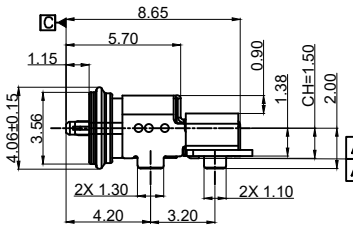
Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D−	Second
A7	D−	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

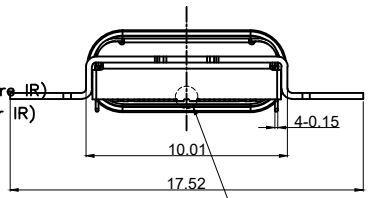


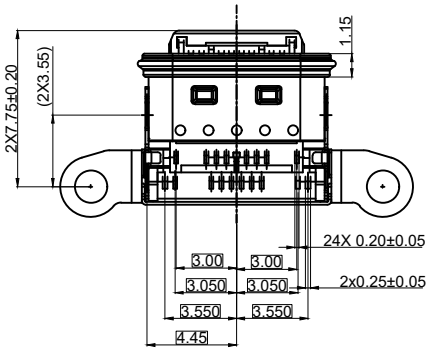


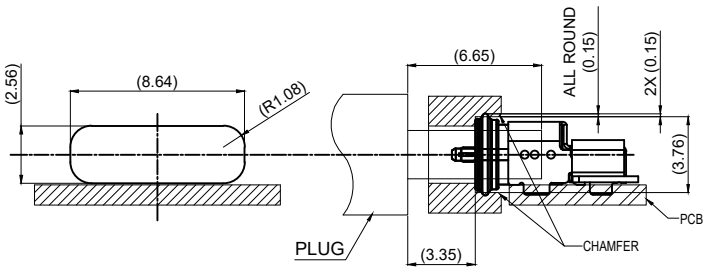




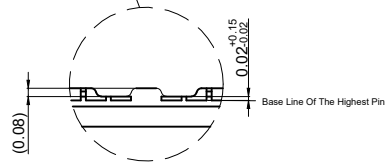
0.08 24X SMT Tails(Before IR)
0.10 24X SMT Tails(After IR)







REF. PANEL DESIGN



Detail H (Scale : 5:1)

MARK	DESCRIPTION	DATE	REVISED	APPROVED
△X				
△X				
△X				

REVISIONS

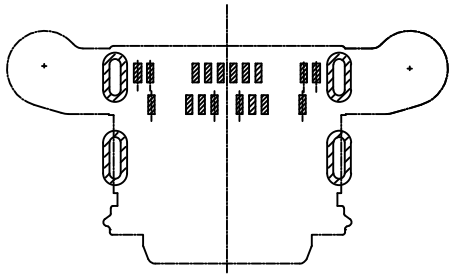
UNSPECIFIED TOLERANCES	
ANGLAR	±5°
L≤ 4	±0.2
4<L≤ 16	±0.3
16<L≤ 63	±0.4
L> 63	±0.5

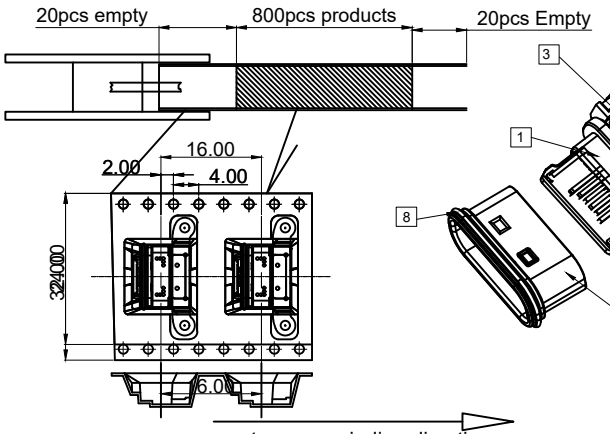
www.hiemi.cn

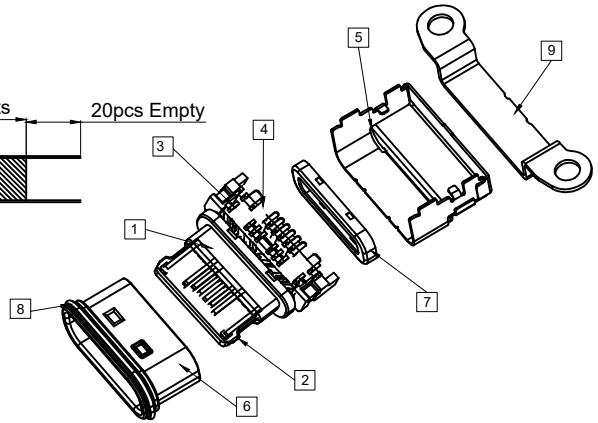
HIEMI TECHNOLOGY CO., LTD

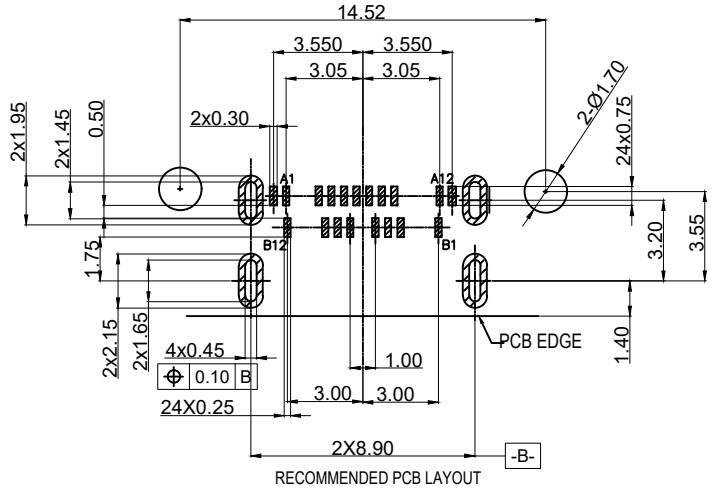
DSND		SCALE: N/A	USB 3.1 C TYPE 16P板上 双贴有耳防水IP68
DWN		VIEW:	PART NO.: 82216-492
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0

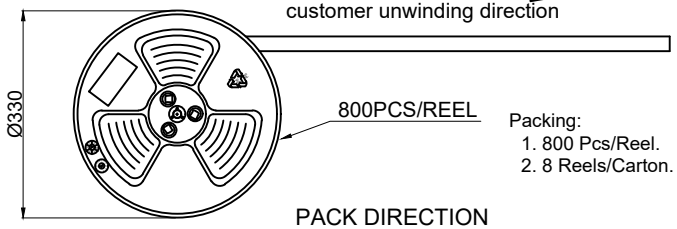








RECOMMENDED PCB LAYOUT
(Tolerance=±0.05)



Packing:
1. 800 Pcs/Reel.
2. 8 Reels/Carton.

PACK DIRECTION

NOTES/注释：
1. MATERIAL/材料：**SEE TABLE**/见下表
2. GENERAL SPECIFICATION/通用特性:
   2.1 COPLANARITY /共面度：**0.10 Max.**
   2.2 CURRENT RATING: 5A / 额定电流：5安培
   2.3 CONTACT RESISTANCE: 40mΩ MAX (INITIAL).
   INSULATION RESISTANCE:100MΩ **Min**
   接触电阻：40毫欧最大(初始值) / 绝缘电阻：100MΩ Min
   2.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC
   耐电压： 100伏交流
   2.5 MECHANICAL CHARACTERISTICS:
   INSERTION FORCE: 5~20N EXTRACTION FORCE: 8~20N
   AFTER DURABILITY EXTRACTION FORCE: 6~20N
   力学特性：初始插入力：**5~20N** 拔出力：**8~20N**
   耐久后拔出力：**6~20N**
   2.6 DURABILITY: 10000 CYCLES / 耐久性：10000次
   2.7 PACKAGING TYPE: CARRIER TAPE./ 包装类型：载带包装
3. WATERPROOF CLASS IPX4/防水等级 IPX4

10	马甲	1PCS	SUS304 , T=0.30 镀镍50u" MIN.	
9	密封圈	1PCS	硅胶，黑色	
8	胶水	1PCS	环氧胶，黑色	
7	外壳	1PCS	SUS304 , T=0.15. 镀镍50u" MIN.	
6	内拉伸壳	1PCS	SUS304, T=0.20.	
5	EMI拉伸壳	1PCS	SUS304 , T=0.12. 镀镍50u" MIN.	
4	上排端子	1SET	C18400, T=0.12. 底层镀镍 50-100u",功能接触区单面	
3	下排端子	1SET	刷镀 Au 15u",焊接区双面镀金 G/F.	
2	中板	1PCS	SUS301-1/4 H. 镀镍50u" MIN.	
1	塑胶	1PCS	PA46 BLACK	
项目	组成部件	用量	材质/处理	

MARK	DESCRIPTION	DATE	REVISED	APPROVED
△X				
△X				
△X				

REVISIONS

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

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DSND		SCALE: N/A	USB 3.1 C TYPE 16P板上双贴有耳防水IP68
DWN		VIEW:	PART NO.: 82216-492
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	

WEIGHT	SHEET	REVISION
	1/1	A0