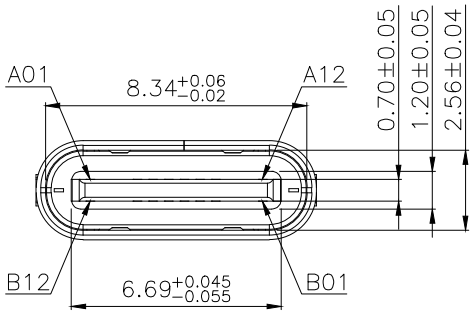
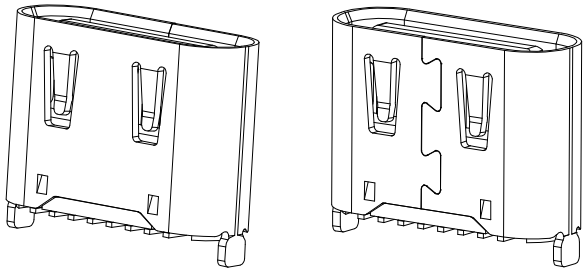
RoHS Compliant

REV.	MODIFICATION	ECN No.	NAME	DATE
A0	NEW		LEN.SONG	2022.01.05





3D VIEW

SPECIFICATION:

1、ELECTRICAL:
1.1 CURRENT RATING:5A;
1.2 CONTACT RESISTANCE:40mΩ Max;
1.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
1.4 INSULATION RESISTANCE:100 MΩ MIN;

2、MECHANICAL;
2.1 MATING FORCE:5~20N;
2.2 UNMATING FORCE:8~20N;
2.3 DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;

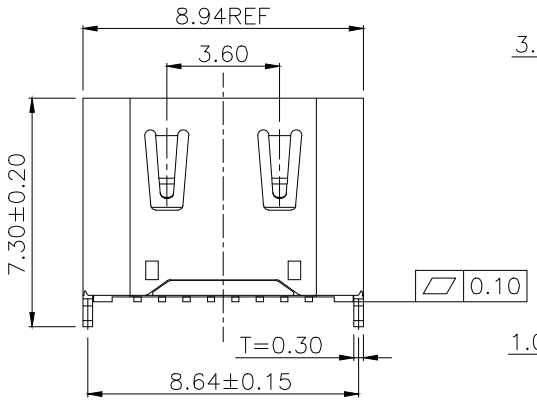
3、MATERIAL:
3.1 HOUSING&MOLDING:BLACK LCP UL94V-0;
3.2 TERMINAL:C7025 T=0.15mm;
3.3 SHELL:SUS304 T=0.30mm;
3.4 MID PLATE:SUS304 T=0.20mm;

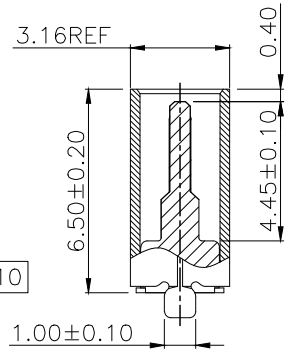
4、PLATING SPECIFICATION:
4.1 TERMINAL:CONTACT POINT GOLD PLATED 3u"Min
PIN WELDING AREA GOLD PLATED 1u"Min.
4.2 2.NI 40U" MIN. UNDER PLATED OVER ALL.
4.3 SHELL:PLATED Ni 50u" Min(Salt spray 48H)

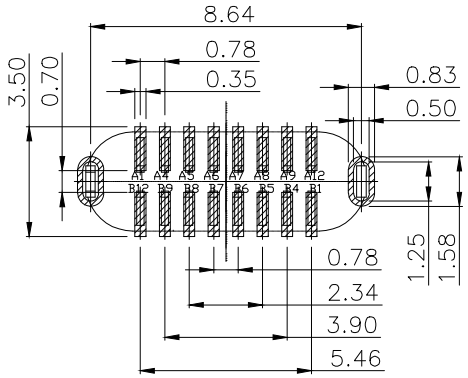
5、ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.

6、SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 ° C) SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)

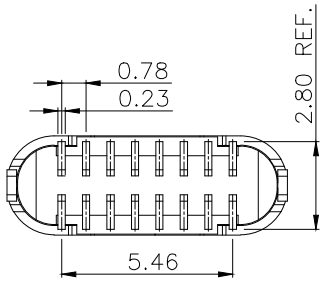
7、OPERATING TEMPERATURE：-40°C~+85°C

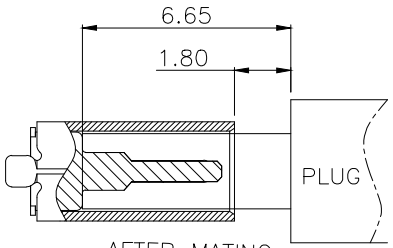




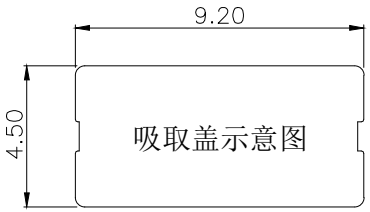


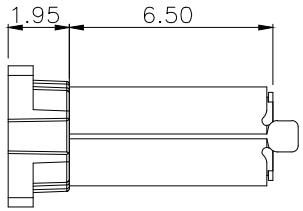
RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm





AFTER MATING





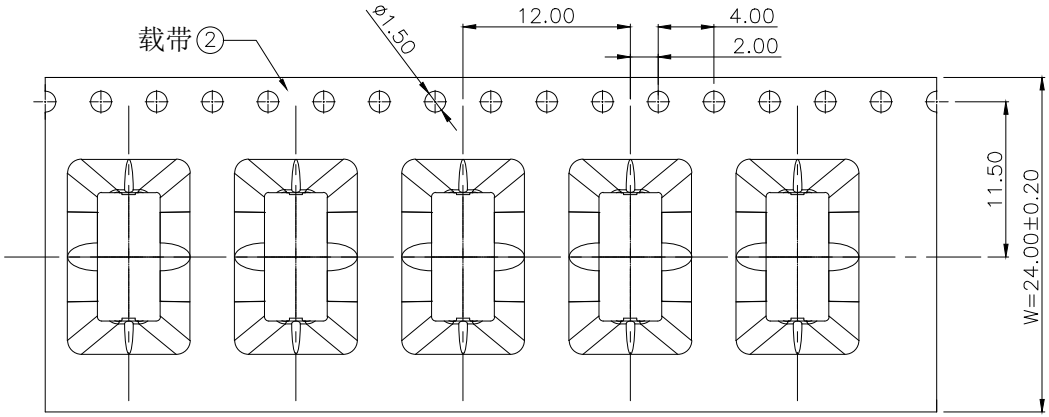
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

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Guangdong Yonghua Technology Co., Ltd

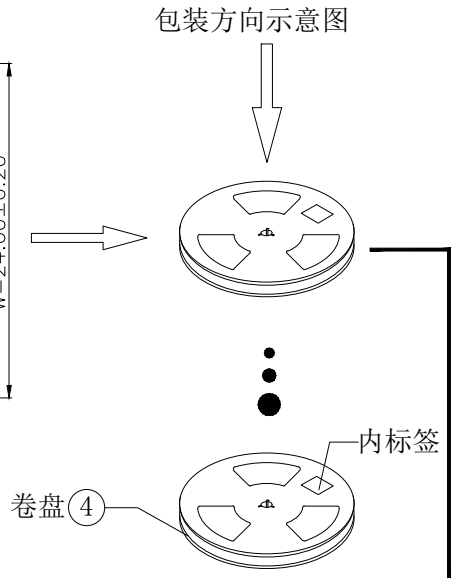
X. ±0.25	ANGLES ±2°	INTENDED USE:	TITLE: TYPE-C 16P母座 立贴SMT 外壳带弹 H=6.50 C款 黑色LCP 端子C7025 接触3u"焊脚1u"外壳SUS304 卷装
X.x ±0.20			
X.xx ±0.15			PART NO.: YH-002123
X.xxx ±0.10		APPD.:	DWG. NO.:
MAT'L.: SEE NOTES		CHKD.:	SCALE: 1:1 PAGE: 1/1
FINISH:		DR.: Len.Song	UNIT: mm REV.: A0

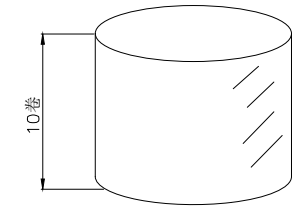
RoHS Compliant

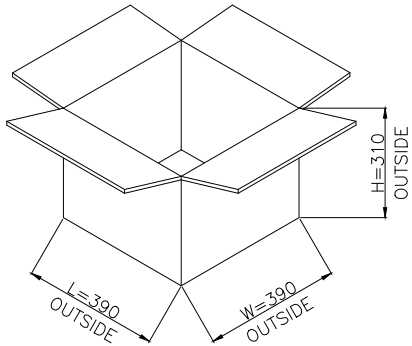
REV.	MODIFICATION	ECN No.	NAME	DATE
A0	NEW		LEN.SONG	2022.01.05

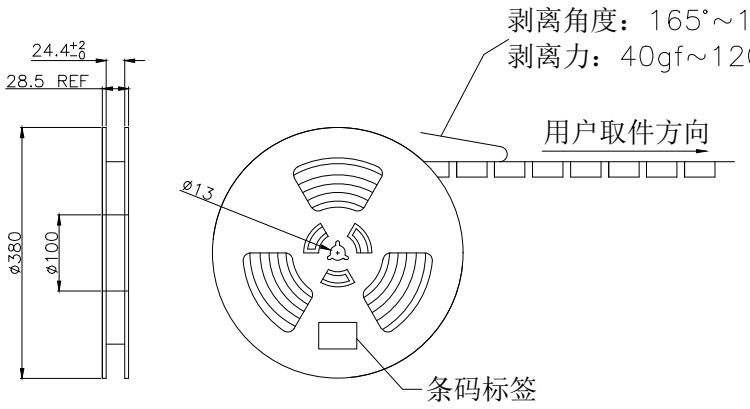


产品入载带示意图









卷盘示意图

技术要求：

1. 载带首尾各留出10PCS空格不装产品；
2. 每穴放置1PCS产品，每卷装800PCS产品，放置方式如图所示；
3. 将包装好的产品;每盘必需贴上内标签;将贴好内标签的产品每10盘堆叠.
4. 在纸箱四角垫上4个三角垫，然后把装好产品的卷盘放入纸箱中,最后用胶带封箱；
   （如客户有要求，请按客户要求包装出货）
5. 上带与载带的剥离力：40gf~120gf，跳动量在30gf内；
   （剥离角度：165°~180°，剥离速度：250~300mm/min）
6. 产品符合RoHS环保标准要求.

序号	物料名称	物料编号	规　格	描　述
05	纸箱	B-05-0012	390mm*390mm*310mm	1 PCS
04	卷盘	/	D=380mm, d=100mm, H=28.5mm	10 PCS
03	上带	/	W=20.7mm, T=0.05mm	9600 mm
02	载带	B-03-0023	W=24mm, T=0.50mm, P=12.0mm	9600 mm
01	连接器	/	16PIN, SMT	8000 PCS

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X. ±0.15	ANGLES ±2°	INTENDED USE:	TITLE: TYPE-C 16P母座 立贴SMT 外壳带弹 H=6.30 包装方式
X.x ±0.10			
X.xx ±0.05			
X.xxx ±0.03		APPD.:	PART NO.: YH-002123
MAT'L.: SEE NOTES		CHKD.:	DWG. NO.:
FINISH:		DR.: Len.Song	SCALE: 1:1 PAGE: 1/1
			UNIT: mm REV.: A0