

REV	ECN	NO	CONTENT	DATE	ENGINEER
AO			INITIAL RELEASE	/	TSP

- NOTES:
- MATERIAL: SEE "TABLE 1";
 - FINISH: SEE "TABLE 1";
 - ELECTRICAL :
 - CONTACT CURRENT RATING :
5A (VBUS PIN 1.5A/PIN),
5A (GND PIN 1.25A/PIN MAX), 0.25A/PIN (OTHER PIN).
 - INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
 - LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
 - MECHANICAL CHARACTERISTICS :
 - MATING FORCE: 5~20N.;
 - UNMATING FORCE: 8~20N (INITIAL), 6~20N (AFTER 10000 CYCLES);
 - DURABILITY : 10,000 MATING CYCLES.
 - OPERATING TEMPERATURE : -40° C TO +80° C



INTERFACE (FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

TABLE 1:

NO.	PART NAME	QTY	MATERIAL	DESCRIPTION	REMARK
⑤	Shell-1	1	Stainless steel	NI PLATING;	T=0.30mm
④	MID PLATE	1	Stainless steel		T=0.15mm
③	Terminal-B	8	铜镍硅合金	Au:3u" PLATING;	T=0.15mm
②	Terminal-A	8		Au:3u" PLATING;	T=0.15mm
①	Housing	1	HIGH TEMP	Black	

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.X: ±0.38 .X': ±3'
.XX: ±0.25 .X': ±2'
.XXX: ±0.13 .XX': ±1'

NAME: TYPE-C 16P 防水母座 直立式 带柱
H=6.77 端子SMT IPX8

APPD JM_Zheng

PJ NO: 126-224-160001-S5G

CHKD LYX

SIZE:A4 DRW NO:

DR TSP

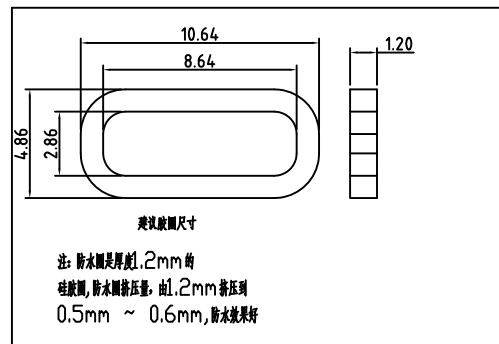
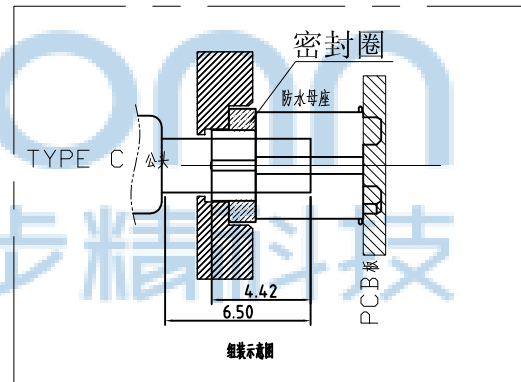
FINISH:SEE NOTES MAT'L:SEE NOTES

SCALE:N/A REV:A0 UNIT:mm PAGE:1/2



RECOMMENDED PCB LAYOUT (TOP VIEW)

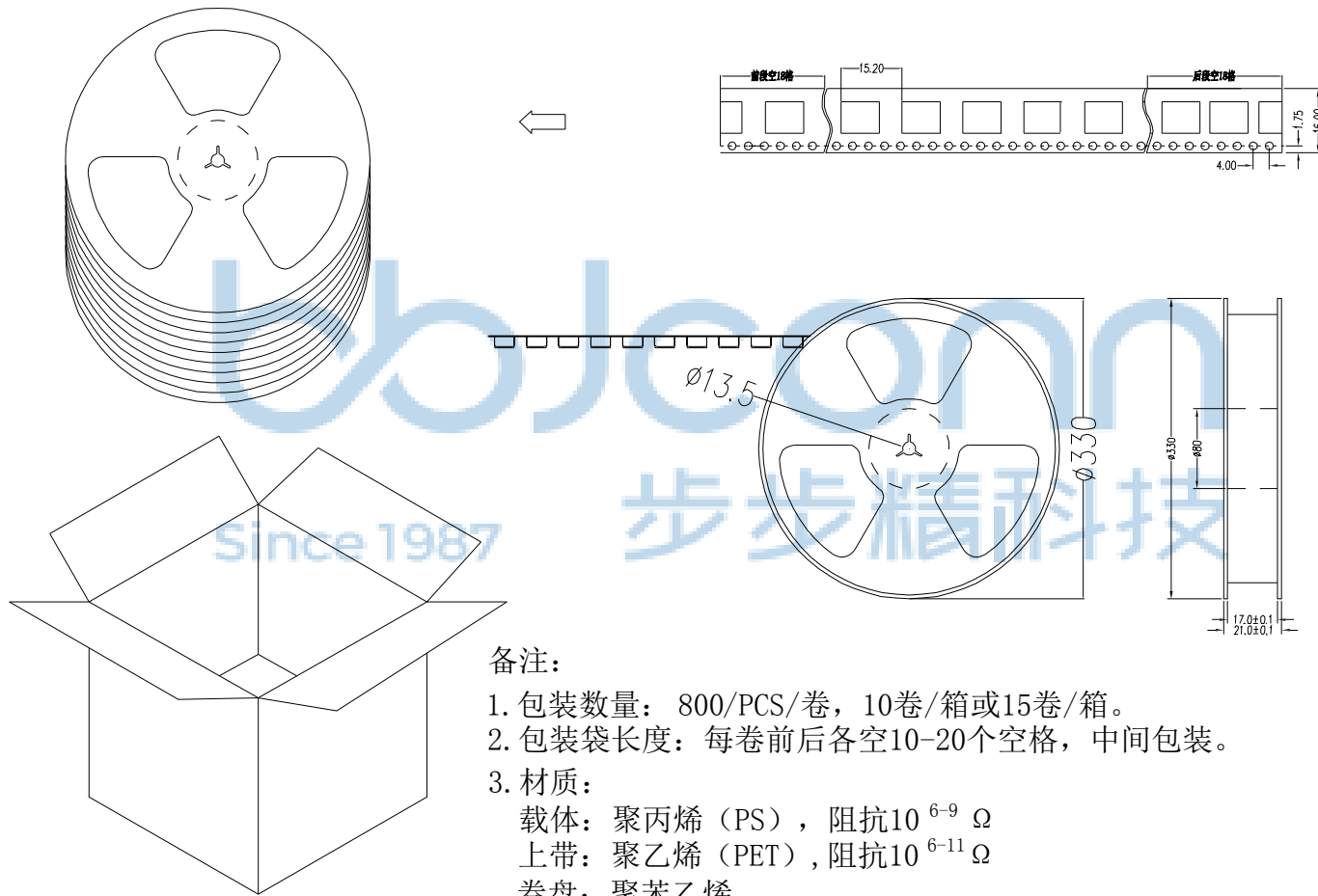
THICKNESS T=1.0mm
DEFAULT TOLERANCE+/-0.05



PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	SBU1	CC2	VBUS	GND	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12





备注:

1. 包装数量: 800/PCS/卷, 10卷/箱或15卷/箱。
2. 包装袋长度: 每卷前后各空10-20个空格, 中间包装。
3. 材质:
载体: 聚丙烯 (PS), 阻抗 $10^{6-9} \Omega$
上带: 聚乙烯 (PET), 阻抗 $10^{6-11} \Omega$
卷盘: 聚苯乙烯。

纸箱规格: 345*345*23MM

纸箱规格: 345*345*35MM

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PDWG NO: 0388-1



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.X: ± 0.38 X*: $\pm 3'$
.XX: ± 0.25 X*: $\pm 2'$
.XXX: ± 0.13 X*: $\pm 1'$

APPD JM_Zheng

CHKD LYX

DR

NAME: TYPE-C 16P 防水母座 直立式 带柱
H=6.77 端子SMT IPX8

PJ NO: 126-224-160001-S5G

SIZE:A4

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FINISH:SEE NOTES

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REV:A0

UNIT:mm

PAGE:2/2



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