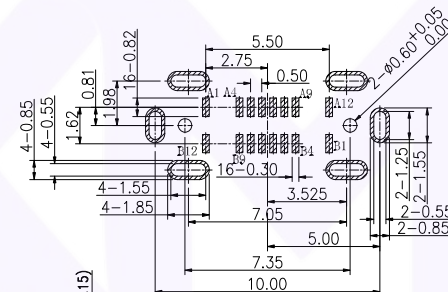
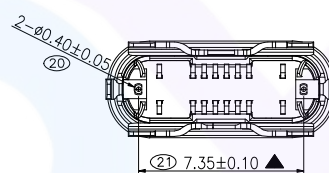
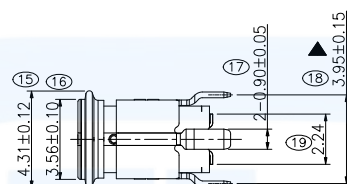
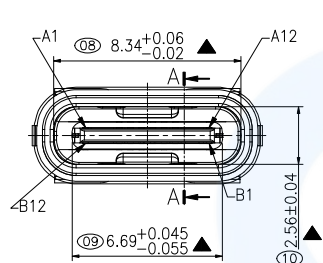
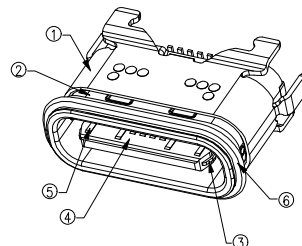
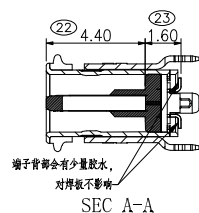
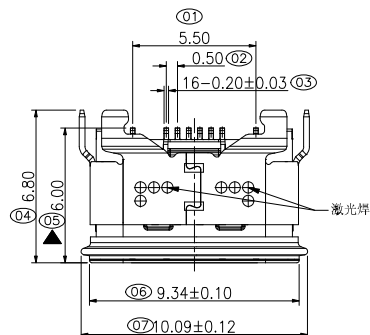


RoHS
Compliant



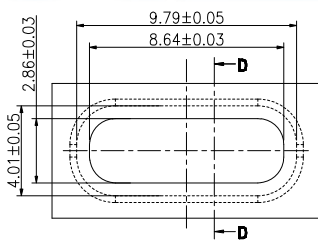
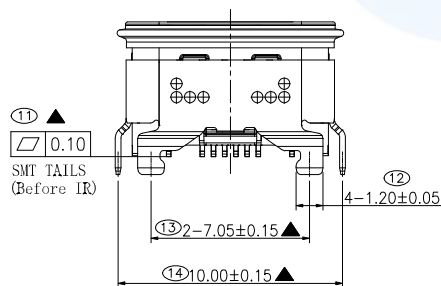
NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING:
 - 5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.
 - CONTACT RESISTANCE:
 - 30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS.
 - 40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.
 - DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.
 - INSULATION RESISTANCE:100 MEGOHMS MIN.
- MECHANICAL CHARACTERISTICS:
 - CONNECTOR INSERTION FORCE:5~20N.
AT A MAXIMUN RATE OF 12.5MM PER MINUTE.
 - CONNECTOR EXTRACTION FORCE:
 - 8~20N AT A MAXIMUN RATE OF 12.5MM PER MINUTE.
 - 6~20N AFTER DURABILITY TEST.
 - DURABILITY:10000 CYCLES.
 - OPERATING TEMPERATURE: -55°C TO +85°C
- SALT SPRAY:48HOURS.
- DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENED PROCESS: IR REFLOW 260°C,3~5SECONDS.
- THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.
- Mark "Ⓢ" REFERS TO FAI INSPECTION DIMENSION
- Mark "▲" IS THE KEY INSPECTION DIMENSION OF IPQC

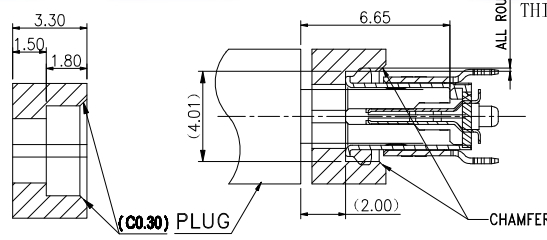


RECOMMENDED PCB LAYOUT (TOP VIEW)
THICKNESS 0.80 (TOLERANCE: ±0.05)

Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND



REF. PANEL DESIGN



REF. PANEL DESIGN

TABLE:

ITEM	PART NAME	Q'TY	Material&Plating
1	SUB-SHELL	1	SUS304 t=0.25, Ni PLATED 30u"
2	MAIN-SHELL	1	SUS316L t=0.20 CLEANING
3	LATCH	1	SUS301 t=0.15
4	HOUSING	1	PA10T+25%GF, HF BLACK
5	CONTACT	16	C7025 t=0.12,Ni 50-150u" UNDER PLATED OVER. 3u"Au PLATED ON THE CONTACT AREA, G/F PLATED ON THE SOLDER TAILS.
6	LIM	1	CHN-LIMS-60A/B; Pull force 300g

广东小迈实业有限公司

Website:

<https://www.xmconn.com>

TEL:

18938295888



PART NAME

USB TYPE C 防水母座 16PIN 直立式 SMT型
H=6.0 LIM注塑防水圈

PART NO.

DM68048-16SBAP-A

TOLERANCE UNLESS OTHERWISE SPECIFIED:

X ±0.2
X.X ±0.15
X.XX ±0.10
X.XXX ±0.050

DRAWING:

Li

DATE:

2023.08.18

SCALE

SHEET

REV:A0

CHECK:

Chen

DATE:

2023.08.18

1:1

1/2

SIZE: A4

APPROVAL:

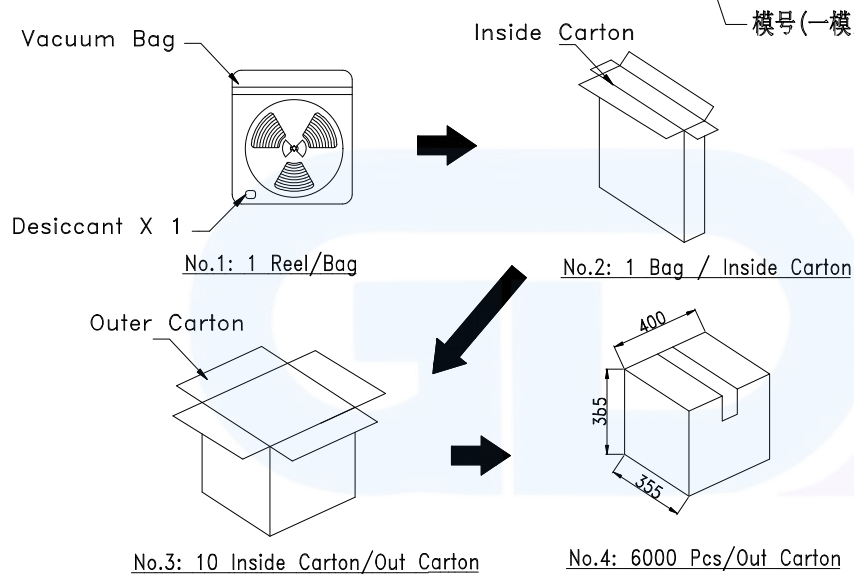
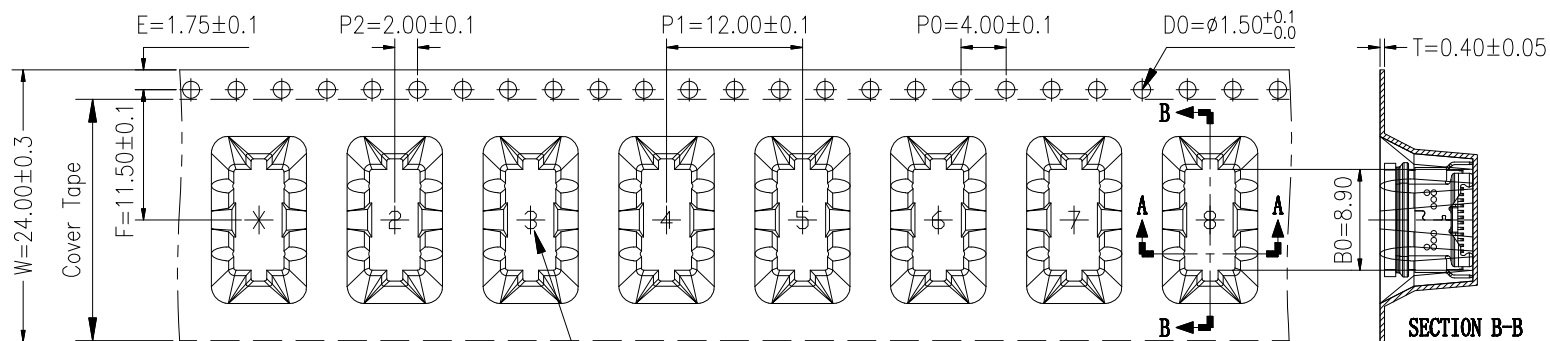
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DATE:

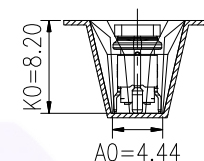
2023.08.18

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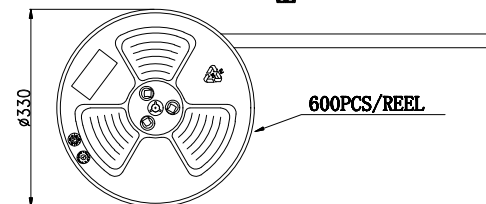
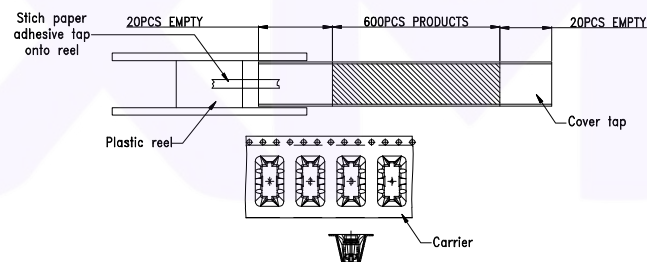
RoHS
Compliant



载带卷料方向



SECTION A-A



- 包装说明:
1. 将产品放入REEL卷中, 然后贴上透明PE上带600PCS/卷;
 2. 然后尾部用胶纸粘贴, 在REEL卷盘上贴上数量标签;
 3. 将包装好的产品放入指定的外箱中, 一箱装10盘, 6000 PCS/箱;
 4. 出货标签要严格按照要求进行填写;
 5. 纸箱封盖后以封箱胶封箱, 贴上出货标签;
 6. 外箱若客户另有贴标签要求, 则按其订单注明之要求贴;
 7. 纸箱尺寸及印刷见包材图面;
 8. 未满足之零数箱需以缓冲材料填满, 并贴上零数标签, 写明具体数量;
 9. 本包装适装产品: TYPE C 防水母座 16PIN 直立式 SMT型 ;
 10. ROHS+HF.

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PART NAME

TYPE C 防水母座 16PIN 直立式 SMT型
H=6.0 LIM注塑防水圈 包装图

PART NO.

DM68048-16SBAP-A

TOLERANCE UNLESS
OTHERWISE SPECIFIED:

X ±0.2
X.X ±0.15
X.XX ±0.10
X.XXX ±0.050

DRAWING:

Li

DATE:

2023.08.18

SCALE

SHEET

REV:A0

CHECK:

Chen

DATE:

2023.08.18

1:1

2/2

SIZE: A4

APPROVAL:

Wen

DATE:

2023.08.18

☐