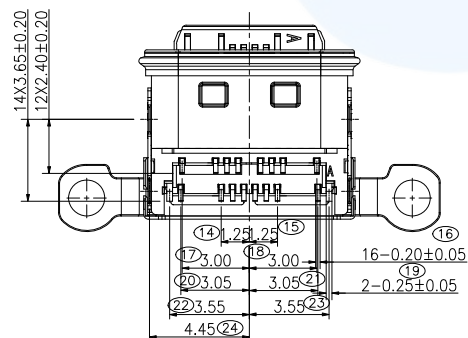
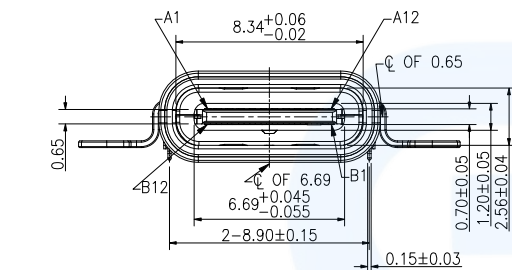
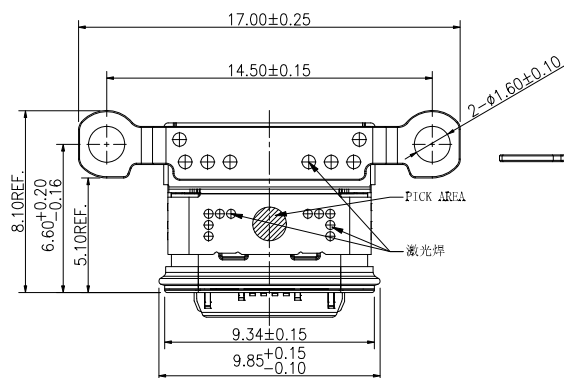


NOIES:

1.ELECTRICAL CHARACTERISTICS:

1-1.CONTACT CURRENT RATING:
5.0A FOR VBUS PIN AND ITS CORRESPONDING GND PIN.

1-2.CONTACT RESISTANCE:

30 MILLIOHMS MAX FOR VBUS AND GND CONTACTS.
40 MILLIOHMS MAX FOR ALL OTHER CONTACTS.

1-3.DIELECTRIC WITHSTANDING VOLTAGE:100 VRMS AC MIN.

1-4. INSULATION RESISTANCE:100 MEGOHMS MIN.

2.MECHANICAL CHARACTERISTICS:

2-1.CONNECTOR INSERTION FORCE:5~20N.
AT A MAXIMUM RATE OF 12.5MM PER MINUTE.2-2.CONNECTOR EXTRACTION FORCE:
8~20N AT A MAXIMUM RATE OF 12.5MM PER MINUTE.

6~20N AFTER DURABILITY TEST.

2-3.DURABILITY:10000 CYCLES.

2-4.OPERATING TEMPERATURE: -55℃ TO +85℃

3.SALT SPRAY:48HOURS.

4.DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS
ARE INCHES EQUIVALENTS.

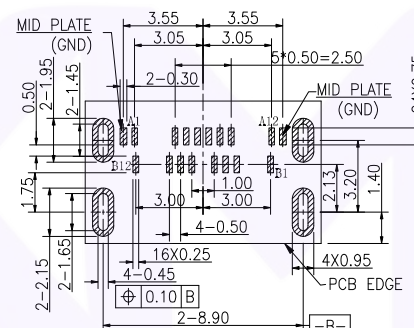
5.RECOMMENED PROCESS: IR REFLOW 260℃.3~5SECONDS.

6.THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE COMPLIAN.

8. Mark "⊗" REFERS TO FAI INSPECTION DIMENSION

9. Mark "▲" IS THE KEY INSPECTION DIMENSION OF IPQC

10.Mark "▽" IS CPK SIZE



Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B8	SDU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SEU1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND

RECOMMENDED PCB LAYOUT
(TOLERANCE: ±0.05)

TABLE:

PRODUCT NO.	ITEM	PART NAME	Q'TY	Material&Plating
SNF16S211R-W	1	SUB-SHELL	1	SUS304 t=0.15, Ni PLATED 30u"
端子接触区镀金1U"	2	MAIN-SHELL	1	SUS316L t=0.20 CLEANING
SNF16S251R-W	3	LATCH	1	SUS301 t=0.15, Ni PLATED 30u"
端子接触区镀金15U"	4	HOUSING	1	PA10T+25%GF, HF BLACK
SNF16S261R-W	5	CONTACT	16	C7025 t=0.12,Ni 50-150u" UNDER PLATED OVER. Au PLATED ON THE CONTACT AREA, G/F PLATED ON THE SOLDER TAILS.
端子接触区镀金30U"	6	LIM	1	CHN-LIMS-60A/B; Pull force 300g
	7	COVER SHELL	1	SUS304 t=0.30 CLEANING
	8	EMC	2	SUS304 t=0.10, CLEANING

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 双排脚 SMT型
有EMC片 LIM注塑防水圈带固定片 B2

PART NO.

DM68043-16SBAP-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:

Wen

DATE:

2023.08.18

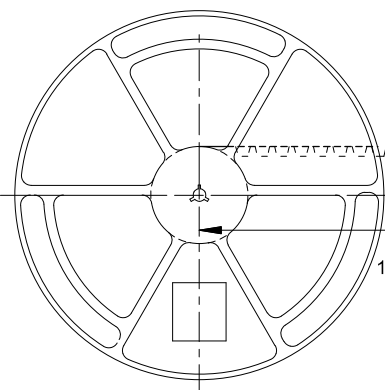
1:1

1/2

SIZE: A4

RoHS
Compliant

FRANGE CORE DIA
Ø100 REF
Ø330 REF REEL DIA.
35
HUB AREA



USER PULL OUT DIRECTION



WITHOUT
CHARGE
15PCS REF

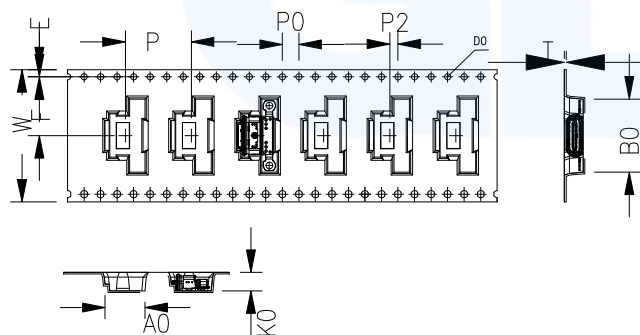
WITH PRODUCT CHARGE
800PCS

WITHOUT
CHARGE
13PCS REF

包装说明:

1. 将产品放入REEL卷中, 然后贴上透明PE上带800PCS/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, 8000 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 16P防水母座 SMT LIM注塑防水圈带固定片
10. ROHS+HF.

ITEM	W	A0	B0		D	E	F	K0	P0	P2	P	T
DIM	32.0	9.70	17.70		1.5	1.75	14.20	4.50	4.0	2.0	16.0	0.40
TOLE	+0.3 -0.3	+0.15 -0.15	+0.15 -0.15		+0.1 -0.0	±0.1	±0.10	+0.15 -0.15	±0.1	±0.1	±0.1	±0.05



Vacuum Bag

Desiccant x 1

No.1: 1 Reel/Bag

Inside Carton

No.2: 1 Bag / Inside Carton

Outer Carton

No.3: 10 Inside Carton/Out Carton

No.4: 8000 Pcs/Out Carton

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Website:

<https://www.xmconn.com>

TEL:

18938295888

GDXM®

PART NAME

TYPE C 16P防水母座 SMT LIM注塑防水圈
带固定片 载带包装

PART NO.

DM68043-16SBAP-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

☐