

NOTES:

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.

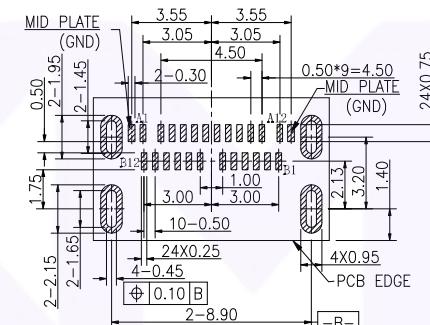
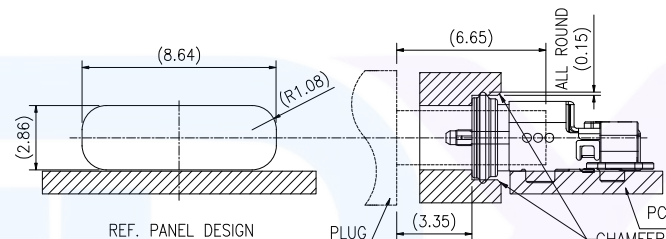
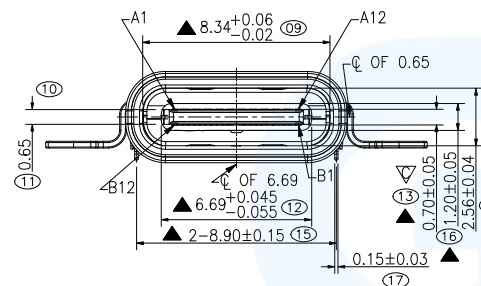
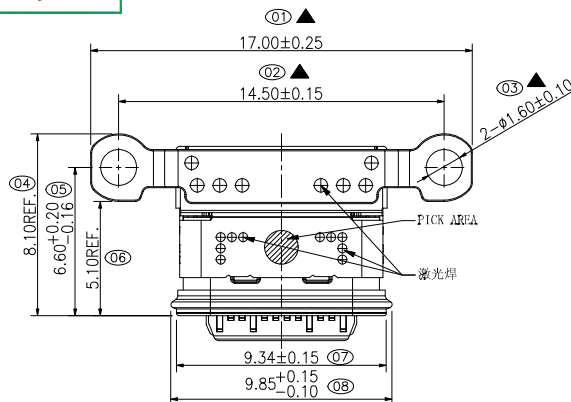
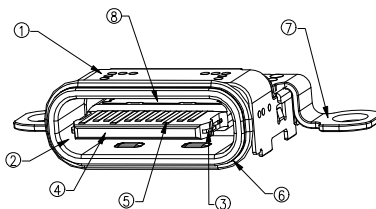
2-4.OPERATING TEMPERATURE: -55°C TO +85°C

3.SALT SPRAY:48HOURS.

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

5.RECOMMENDED PROCESS: IR REFLOW 260°C, 3~5SECONDS.

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

RECOMMENDED PCB LAYOUT
(TOLERANCE: ±0.05)

Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vss	B9	Vss
A5	CC1	B8	SDU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vss	B4	Vss
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

TABLE:

ITEM	PART NAME	Q'TY	Material&Plating
1	SUB-SHELL	1	SUS304 t=0.15, Ni PLATED 30u"
2	MAIN-SHELL	1	SUS316L t=0.20 CLEANING
3	LATCH	1	SUS301 t=0.15, Ni PLATED 30u"
4	HOUSING	1	PA10T+25%GF, HF BLACK
5	CONTACT	24	C7025 t=0.12,Ni 50-150u" UNDER PLATED OVER.30u"Au PLATED ON THE CONTACT AREA, G/F PLATED ON THE SOLDER TAILS.
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 24PIN 双排脚 SMT型
LIM注塑防水圈 带固定片&EMC B2

PART NO.

DM68047-24SBAP-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:

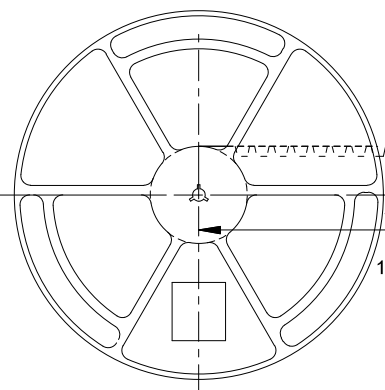
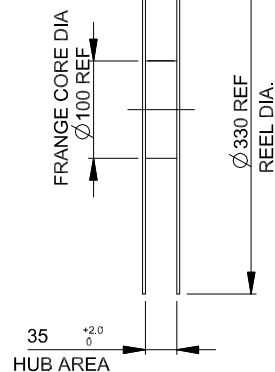
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DATE:

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RoHS
Compliant



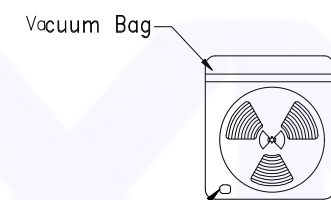
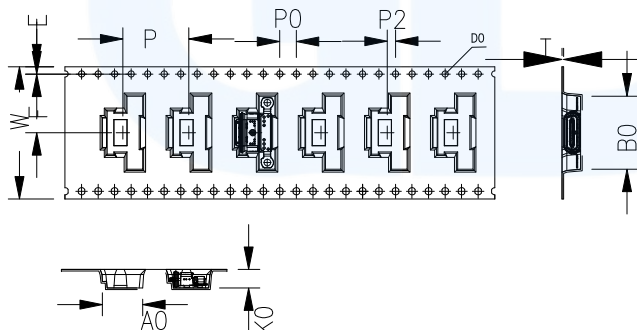
USER PULL OUT DIRECTION

WITHOUT
CHARGE
15PCS REF

WITH PRODUCT CHARGE
800PCS

WITHOUT
CHARGE
13PCS REF

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



No.1: 1 Reel/Bag

Inside Carton

No.2: 1 Bag / Inside Carton

Outer Carton

No.3: 10 Inside Carton/Outer Carton

No.4: 8000 Pcs/Outer Carton

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PART NAME

TYPE C 24p防水母座 SMT LIM注塑防水圈
带固定片 载带包装

PART NO.

DM68047-24SBAP-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

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