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RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1. MATERIAL:

1.1 INSULATOR:HIGH TEMPERATURE PLASTIC UL 94 V-0;BLUE

1.2 CONTACT:COPPER ALLOY(T=0.20mm)

1.3 SHELL:SUS304(T=0.30mm)

2. ELECTRICAL CHARACTERISTICS;

2.1 CONTACTRESISTANCE:30mΩ Max

2.2 CONTACT CURRENT RATING:1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R. M. S.

2.4 INSULATION RESISTANCE 1000 MEGOHMS Min

3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE:35 N Max

3.2 UNMATED FORCE:10 N Min INITIAL; 8 N Min AFTER TEST

3.3 DURABILITY:5,000 CYCLES

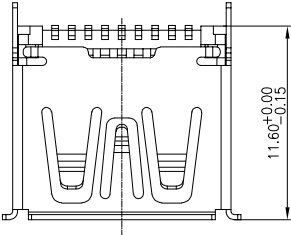
4. PLATING

4.1 TERMINAL CONTACT:(SEE TAB) GOLD PLATING ALL OVER
50u" MIN NICKEL AND 100u"MIN MATTE Tin ALL OVER 50u"
MIN NICKEL ON SOLDER AREA

4.2 SHELL:50u"MIN. NICKEL ALL OVER

5. PART NUMBER:

11.60^{+0.00}_{-0.15}



12.80

2.40

8.00

1.00±0.05 Pitch

1.04

2.60

3.80

0.56

Q.

TOLERANCE: ±0.05, THICKNESS: 1.2mm

RECOMMENDED PCB LAYOUT

(TOP VIEW)

KEEP OUT AREA

12.50±0.10

1.84±0.10

5.12±0.10

11.10±0.10

9

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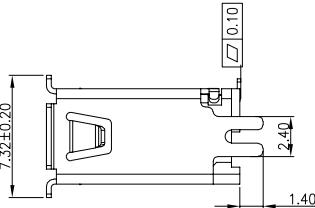
4

7.32±0.20

0.10

2.40

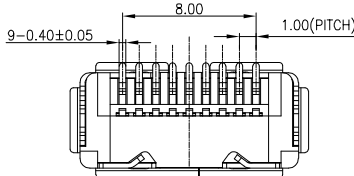
1.40



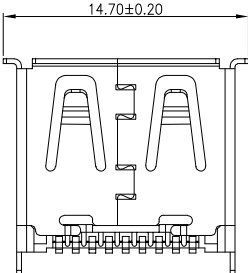
8.00

1.00(PITCH)

9-0.40±0.05



14.70±0.20



Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSXX-
6	StdA_SSXX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

PART NO. INFORMATION

U03-A F X A X X -1008-V2

PORT TYPE
A: TYPE A

GENDER
F: FEMALE
M: MALE

CONTACT PLATED
1: GOLD FLASH
2: GOLD 3U"
3: GOLD 5U"
4: GOLD 10U"
5: GOLD 15U"
6: GOLD 30U"

PACKAGE
T: TRAY R:TAPE REEL

HOUSING COLOR
2: WHITE
5: BLACK
9: BLUE

HOUSING MATERIAL
A: LCP B: PBT
C: PA9T D: PA6T
E: PA46 F: PA66

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.30	X.*	± 3°
.X	± 0.20	.X.*	± 2°
.XX	± 0.15	.XX.*	± 1°

Website: www.bsc-elec.com

E-mail: bestcreate@bsc-elec.com

DESIGN:
I.L

CHECKED:
C.W

APPROVED:
C.W

DATE:
2024.10.08

DATE:
2024.10.08

DATE:
2024.10.08

TITLE:
VERTICAL USB 3.0 AF CONNECTOR
WITH FLANGE

MATERILA:

FINSH:

PART NO:
U03-AFXAXX-1008-V2

DWG NO:

SIZE:
A4

SHEET:
1 OF 1

REV:
A

UNIT
mm

SCALE
1=1

QUALITY
SYMBOLS



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RoHS Compliant

REVISIONS

REV. DESCRIPTION DATE DESIGN

Packing Operation Standard

包装作业图示及说明

(PACKING OPERATION DIAGRAM & INSTRUCTION)

一:

1) 将成品一一放入包装盘内, 依同一方向放入.

2) 包装时, 依图所示.

3) 一个吸塑盘放置100个成品.

4) 依次往上叠放20盘, 产品方向保持一致, 上盖放一个托盘, 用PE膜将托盘两边缠绕(PE鲜膜距托盘边约50mm) 再在托盘中间缠绕成#字形为一扎, (缠绕3~5圈. 用力要适当)

二:

1) 将一扎托盘放入纸箱中.

2) 每箱装2000PCS成品

三:

1) 用透明胶将纸箱封实.

2) 将标签(按要求打印好的)贴在纸箱侧麦上方.

USB A母直立式产品

装盘

1扎叠21个成品托盘

保鲜膜

装箱

纸箱

盖托盘

托盘

产品	料号	立式 SMT801P	2000
透明胶		W=47	若干
PE膜		W=68	若干
		280*250*10.5	21
纸箱		300*260*260	1
品名	料号	规格 (mm)	用量 (PCS)

备 注 (REMARK)

1) 装不满一个外箱的, 用填充物填满未空间或将纸箱割小至刚好装下.

2) 在搬运过程中要轻拿轻放.

3) 在运输中不可堆放过多, 不可有重压现象.

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DESIGN: I. L DATE: 2024. 10. 08

CHECKED: C. W DATE: 2024. 10. 08

APPROVED: C. W DATE: 2024. 10. 08

Website: www.bsc-elec.com

E-mail: bestcreate@bsc-elec.com

TITLE: USB 3.0 AF 180D DIP CONNECTOR

MATERILA: PART NO: U03-AFXAXX-1008-V2 SIZE: A4

FINSH: DWG NO: U03-AFXAXX-1008-V2 SHEET: 1 OF 1

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS