

1

2

3

4

5

6

7

8

RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

24.65

CL

4.30

22.65

5.80

10.80

SECTION A-A

4.30

3.50

5.20

5.70

8.75

3.00

4.00±0.30

0.40TYP

2.00

0.40TYP

2.00

SECTION A-A

12.00

2.40

2.80

5.40

18.00

2.00

PIN1

PIN10

PIN11

PIN19

18.00

2.00

10.80

2.00

24.65

PIN1

PIN10

PIN11

PIN19

RECOMMENDED PCB LAYOUT

PCB THICKNESS IS 1.60mm

DEFAULT TOLERANCE ±0.05

4.30

3.50

5.20

5.70

8.75

3.00

4.00±0.30

0.40TYP

2.00

0.40TYP

2.00

SECTION A-A

12.00

2.40

2.80

5.40

18.00

2.00

PIN1

PIN10

PIN11

PIN19

18.00

2.00

10.80

2.00

24.65

PIN1

PIN10

PIN11

PIN19

RECOMMENDED PCB LAYOUT

PCB THICKNESS IS 1.60mm

DEFAULT TOLERANCE ±0.05

NOTES:

1.MATERIAL SPECIFICATION:
1-1.HOUSING: PA6T,UL94-V0
1-2.CONTACTS: BRASS
2.PLATING SPECIFICATION:
2-1.NI 50u"MIN. UNDER PLATED OVER ALL.
2-2.Au PLATING ON CONTACT AREA.
2-3.TIN 100u"MIN PLATING ON CONTACT SOLDER
3.MECHANICAL PERFORMANCE:
3-1.INSERTION FORCE: 35N MAX.
3-2.REMOVAL FORCE: 15N MIN.
4.ELECTRICAL PERFORMANCE:
4-1.CURRENT RATING: 1A/PIN MIN EXCEPT THAT
V BUS PIN IS 1.5A
4-2.LLCR: INITIAL 30mΩ OF A MATED CONNECTOR
LLCR MAX. CHANGE OF ALL PINS 20mΩ
IMPEDANCE: 78~105Ω DURING 50PS WITH TDR.
4-3.INSULATION RESISTANCE: 100MΩ MIN.
4-4.DIELECTRIC WITHSTAND VOLTAGE: AC 500V
FOR 1 MINUTE.
5.ENVIRONMENT COMPLIANT& COLOR REFER TO TABLE.

PART NO. INFORMATION

BH01 - M X D X X - 0001

GENDER
M: FEMALE

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: BABY BLUE
5: BLACK
9: BLUE

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

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REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X. ± 0.30

X. ± 0.20

.XX ± 0.15

X. ± 3'

.X ± 2'

.XX ± 1'

Website: www.bsc-elec.com

E-mail: bestcreate@bsc-elec.com

DESIGN: I. L

CHECKED: C. W

APPROVED: C. W

DATE: 2025. 12. 05

DATE: 2025. 12. 05

DATE: 2025. 12. 05

TITLE: BOX HEADER 3.0 MALE DIP TYPE 90D

MATERILA:

FINSH:

PART NO: BH01-MXDXX-0001

DWG NO: BH01-MXDXX-0001

SIZE: A4

SHEET: 1 OF 2

1

2

3

4

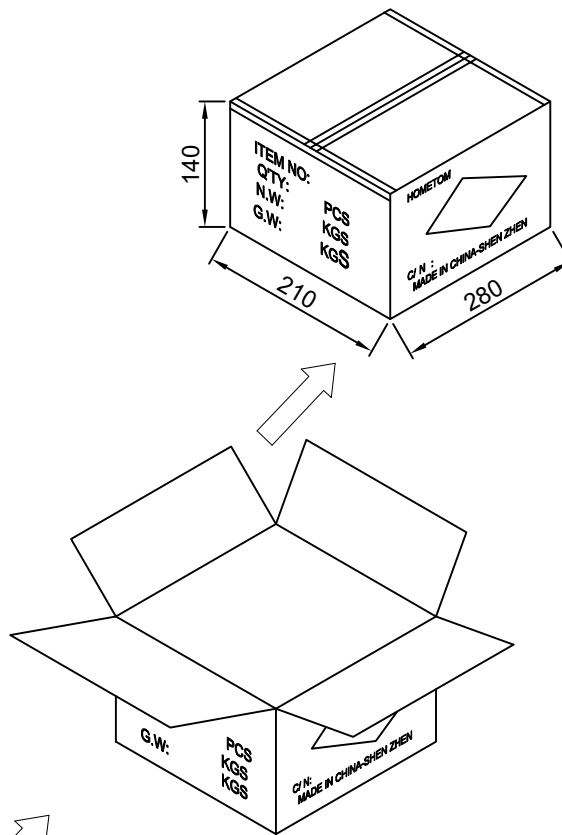
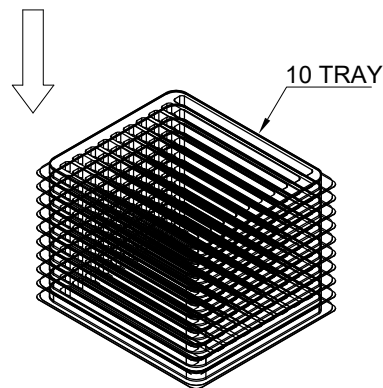
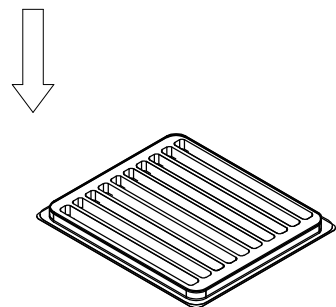
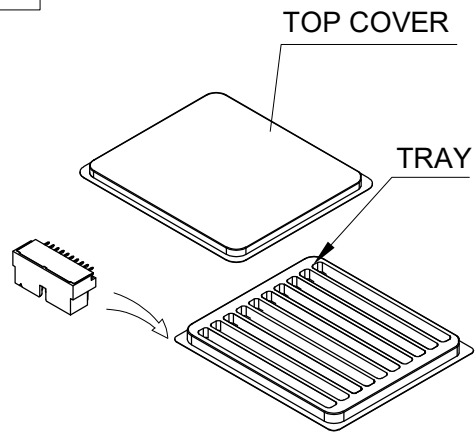
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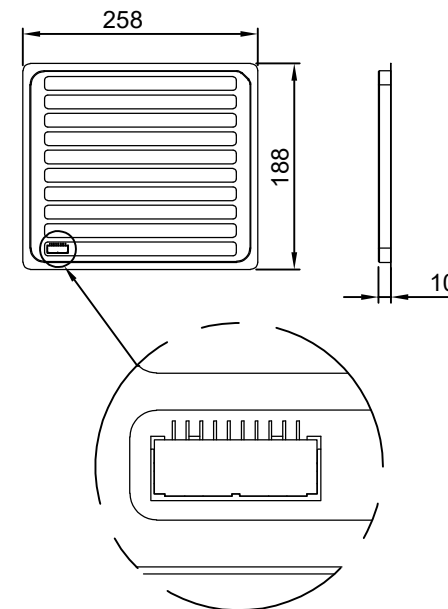
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RoHS Compliant



REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



NOTE :

1.DIMENSION:

CARTON:L=280mm,W=210mm,H=140mm

TRAY:L=258mm,W=188mm,H=10mm

2.QUANTITY:

90PCS/ TRAY

10 TRAY/ CARTON

900 PCS/ CARTON

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

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DESIGN: I. L
DATE: 2025. 12. 05

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DATE: 2025. 12. 05

APPROVED: C. W
DATE: 2025. 12. 05

TITLE: BOX HEADER 3.0 MALE DIP TYPE 90D

MATERILA: PART NO: BH01-MXDXX-0001 SIZE: A4

FINSH: DWG NO: BH01-MXDXX-0001 SHEET: 2 OF 2

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS