

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN

SPECIFICATIONS

ELECTRICAL

CURRENT RATING:SEE TABLE Δ $\textcircled{1s}$
INSULATION RESISTANCE:1000M Ω min.
VOLTAGE RATING: 300V DC/AC
CONTACT RESISTANCE:20m Ω /max.
WITHSTANDING VOLTAGE: 500V AC/Minute
OPERATING TEMPERATURE:-40°C TO +105°C

MATERIAL

HOUSING:THERMAL PLASTIC UL 94V-0

CONTACT:BRASS

PLATING:SEE ORDERING INFORMATION

THE DIM. MARKED " ∇ " IS IMPORTANT DIMENSION.

THE DIM. MARKED " $\textcircled{CPK}$ " IS CPK DIMENSION.

THE DIM. MARKED " $\textcircled{FAI}$ " IS FAI DIMENSION AND SERIAL NUMBER.

PART NO. INFORMATION

PW24 - M X X X 5 T - 0007 - X

GENDER
F: FEMALE
M: MALE

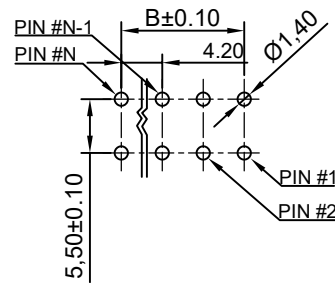
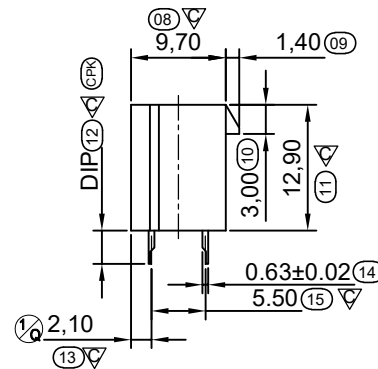
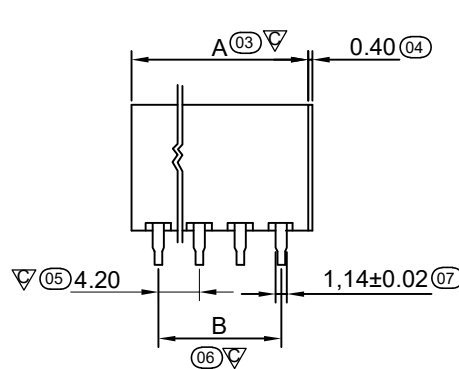
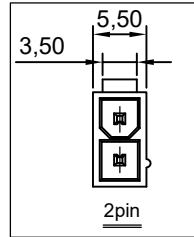
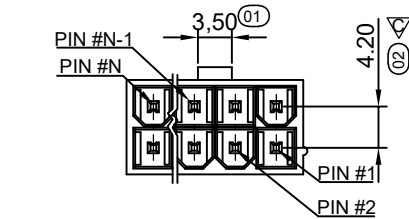
PLATING
1: AU 30U"
2: MATTE SN 100U"

PACKAGE
T: TRAY

HOUSING COLOR
2: IVORY 3:CREAM 4:IVORY
5: BLACK
9: NATURE

HOUSING MATERIAL
A: PA66
B: PA6T

DIP
1:3.40MM
2:3.2MM



RECOMMENDED P.C.B LAYOUT
TOLERANCE:±0.05 (TOP VIEW)

TABLE Δ

Poles	Dimension		Poles	Dimension	
	A(mm)	B(mm)		A(mm)	B(mm)
02	5.5	/	14	30.8	25.20
04	9.8	4.20	16	35.0	29.40
06	14.0	8.40	18	39.2	33.60
08	18.2	12.60	20	43.4	37.80
10	22.4	16.80	22	47.6	42.00
12	26.6	21.00	24	51.8	46.20

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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

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DESIGN:
I. L

DATE:
2017. 3. 1

CHECKED:
C. W

DATE:
2017. 3. 1

APPROVED:
C. W

DATE:
2017. 3. 1

TITLE:

ATX 2*N P 4.2MM 180° DIP TYPE POWER CONNECTOR

MATERILA:

PART NO:
PW24-MXXXT-0007-X

SIZE:
A4

FINSH:

DWG NO:
PW24-MXXXT-0007-X

SHEET:
1 OF 6

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

RoHS Compliant

REVISIONS

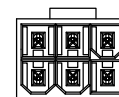
REV.	DESCRIPTION	DATE	DESIGN



2PIN



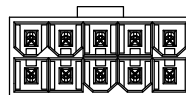
4PIN



6PIN



8PIN



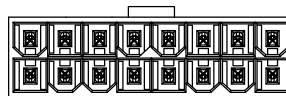
10PIN



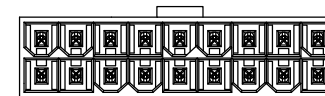
12PIN



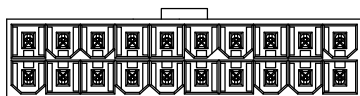
14PIN



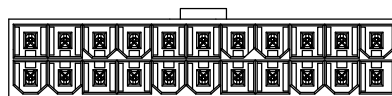
16PIN



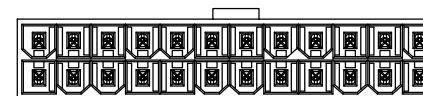
18PIN



20PIN



22PIN



24PIN

KEY'S DISPLAY DESCRIPTION

TABLE 2s

Current And Applicable Wire Gauges

Maximum Insulation Diameter and Applicable Wire Gauges	AWG#16: 3.10 Maximum			
	AWG#18-24:3.10 Maximum			
Maximum Current Ration(Amperes)				
Ckt.Size Wire	2&3	4-6	7-10	12-24
AWG#16	12	11	10	9
AWG#18	12	11	10	9
AWG#20	9	9	8	8

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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: 2017. 3. 1

CHECKED: C. W
DATE: 2017. 3. 1

APPROVED: C. W
DATE: 2017. 3. 1

TITLE: ATX 2*N P 4.2MM 180° DIP TYPE POWER CONNECTOR

MATERILA: PART NO: PW24-MXXXT-0007-X SIZE: A4

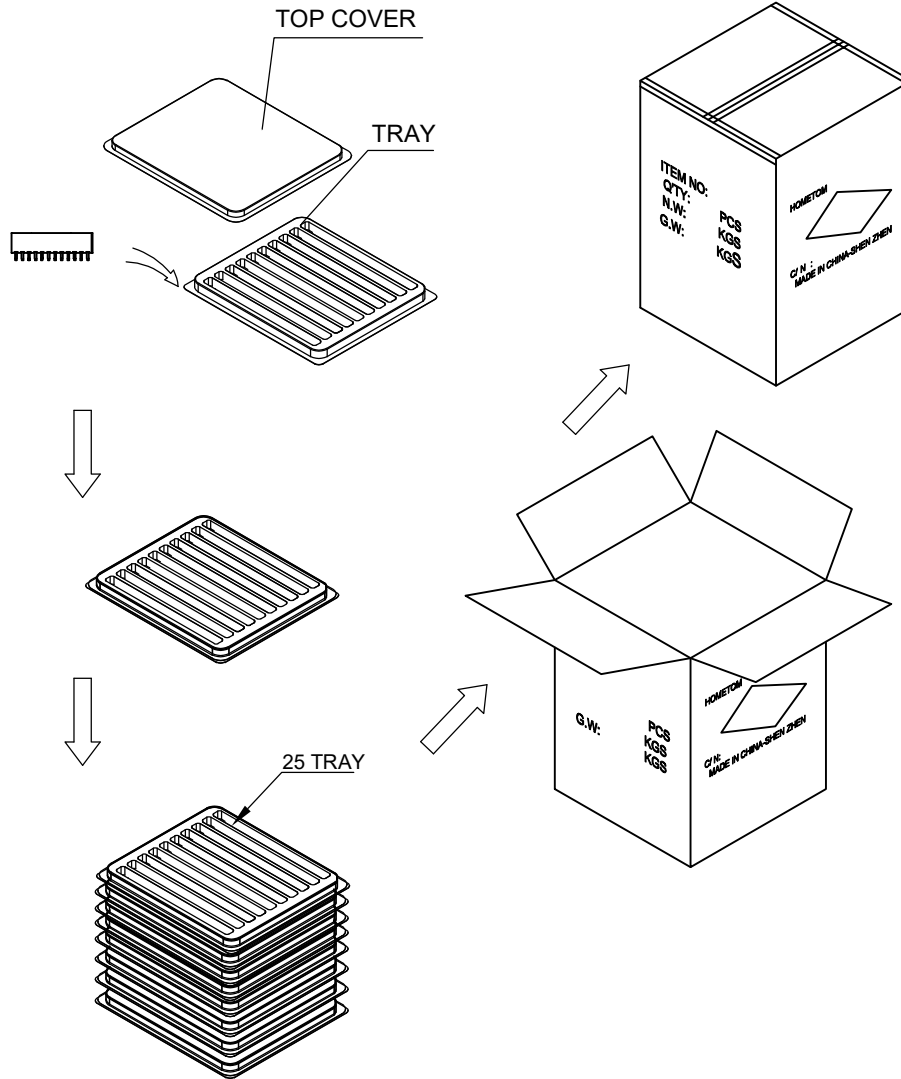
FINSH: DWG NO: PW24-MXXXT-0007-X SHEET: 2 OF 6

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

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REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



NOTE :

1.DIMENSION :

CARTON:L=320mm, W=283mm, H=357mm

TRAY:L=312mm, W=271mm, H=12mm

2.QUANTITY:

10PIN 120 PCS/ TRAY
25 TRAY/ CARTON
3000 PCS/ CARTON

12PIN 100 PCS/ TRAY
25 TRAY/ CARTON
2500 PCS/ CARTON

14PIN 80 PCS/ TRAY
25 TRAY/ CARTON
2000 PCS/ CARTON

16PIN 70 PCS/ TRAY
25 TRAY/ CARTON
1750 PCS/ CARTON

20PIN 60 PCS/ TRAY
25 TRAY/ CARTON
1500 PCS/ CARTON

⑩ 22PIN 50 PCS/ TRAY
25 TRAY/ CARTON
1250 PCS/ CARTON

24PIN 50 PCS/ TRAY
25 TRAY/ CARTON
1250 PCS/ CARTON

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.XX	± 0.15	.XX*	± 1"

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SIZE:

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PW24-MXXXT-0007-X

SHEET:

3 OF 6

REV:

A

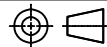
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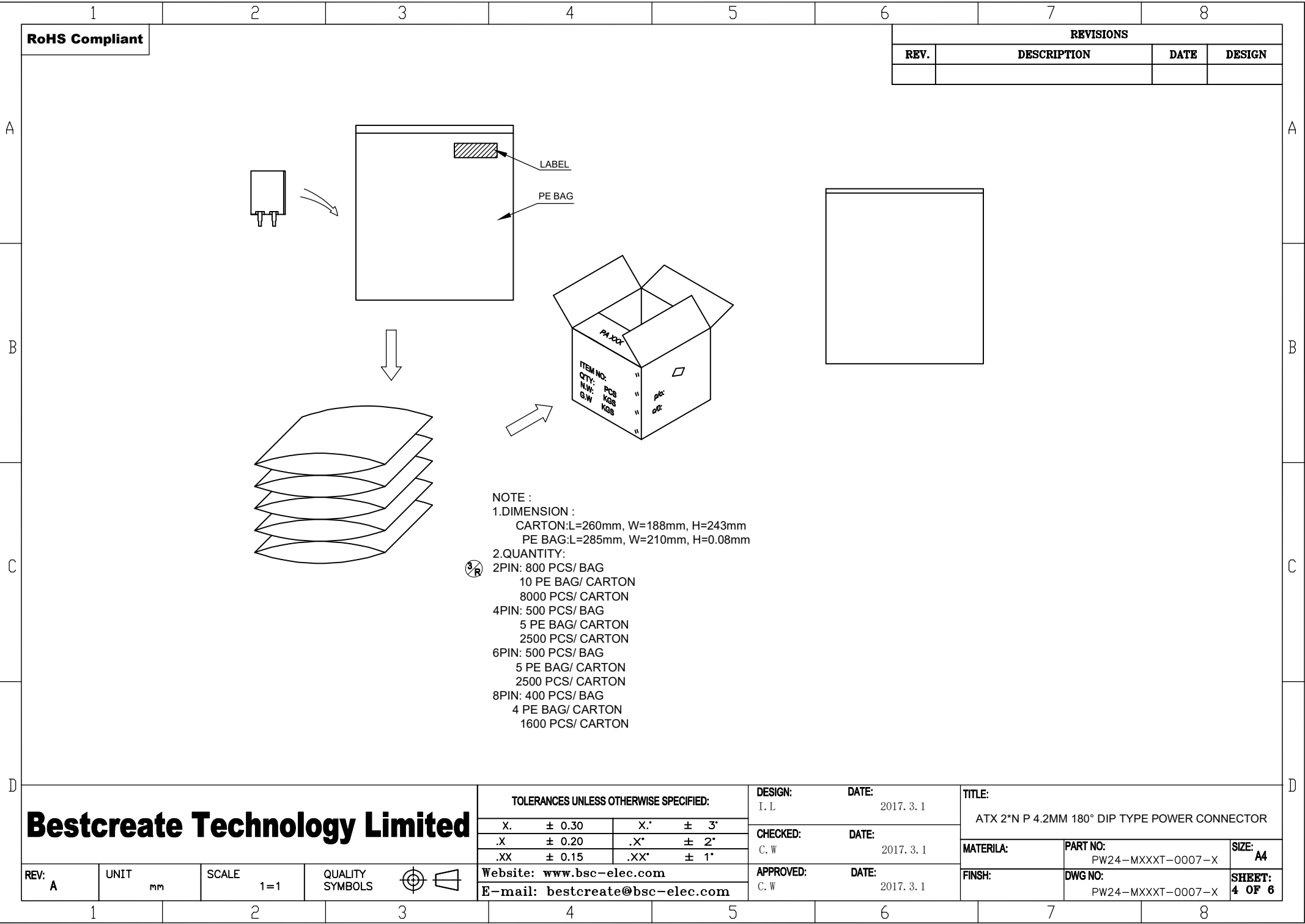
mm

SCALE

1=1

QUALITY
SYMBOLS





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REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

NOTE :
1.DIMENSION :
CARTON:L=260mm, W=188mm, H=243mm
PE BAG:L=285mm, W=210mm, H=0.08mm
2.QUANTITY:
2PIN: 800 PCS/ BAG
10 PE BAG/ CARTON
8000 PCS/ CARTON
4PIN: 500 PCS/ BAG
5 PE BAG/ CARTON
2500 PCS/ CARTON
6PIN: 500 PCS/ BAG
5 PE BAG/ CARTON
2500 PCS/ CARTON
8PIN: 400 PCS/ BAG
4 PE BAG/ CARTON
1600 PCS/ CARTON

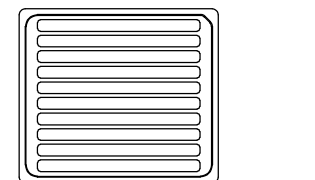
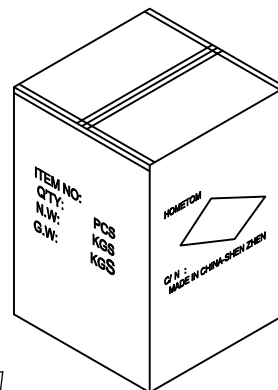
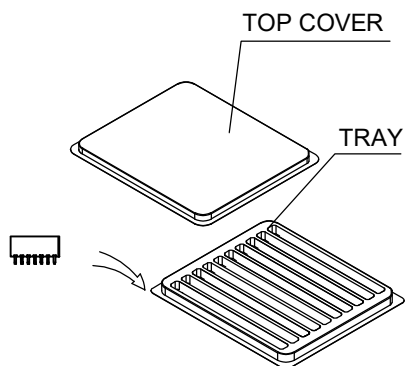
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TOLERANCES UNLESS OTHERWISE SPECIFIED:				DESIGN:	DATE:	TITLE:		
X.	± 0.30	X.*	± 3°	I. L	2017. 3. 1	ATX 2*N P 4.2MM 180° DIP TYPE POWER CONNECTOR		
.X	± 0.20	.X.*	± 2°	CHECKED:	DATE:	MATERILA:	PART NO:	SIZE:
.XX	± 0.15	.XX.*	± 1°	C. W	2017. 3. 1		PW24-MXXXT-0007-X	A4
Website: www.bsc-elec.com				APPROVED:	DATE:	FINSH:	DWG NO:	SHEET:
E-mail: bestcreate@bsc-elec.com				C. W	2017. 3. 1		PW24-MXXXT-0007-X	4 OF 6

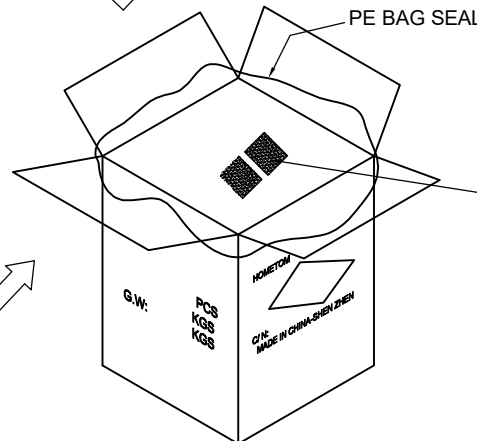
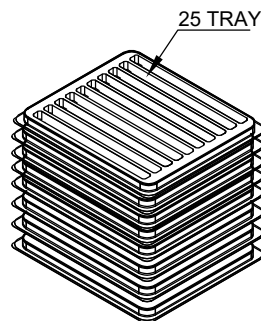
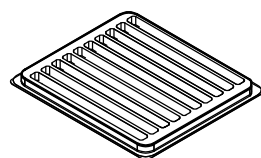
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REV.	DESCRIPTION	DATE	DESIGN



NOTE :
1.DIMENSION :
CARTON:L=320mm, W=283mm, H=357mm
TRAY:L=312mm, W=271mm, H=12mm
2.QUANTITY:
14PIN 80 PCS/ TRAY
25 TRAY/ CARTON
2000 PCS/ CARTON



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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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.X	± 0.20	.X*	± 2*
.XX	± 0.15	.XX*	± 1*

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PW24-MXXXT-0007-X

SHEET:

5 OF 6

REV:

A

UNIT

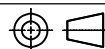
mm

SCALE

1=1

QUALITY

SYMBOLS



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NOTE :

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CARTON:L=320mm, W=283mm, H=357mm

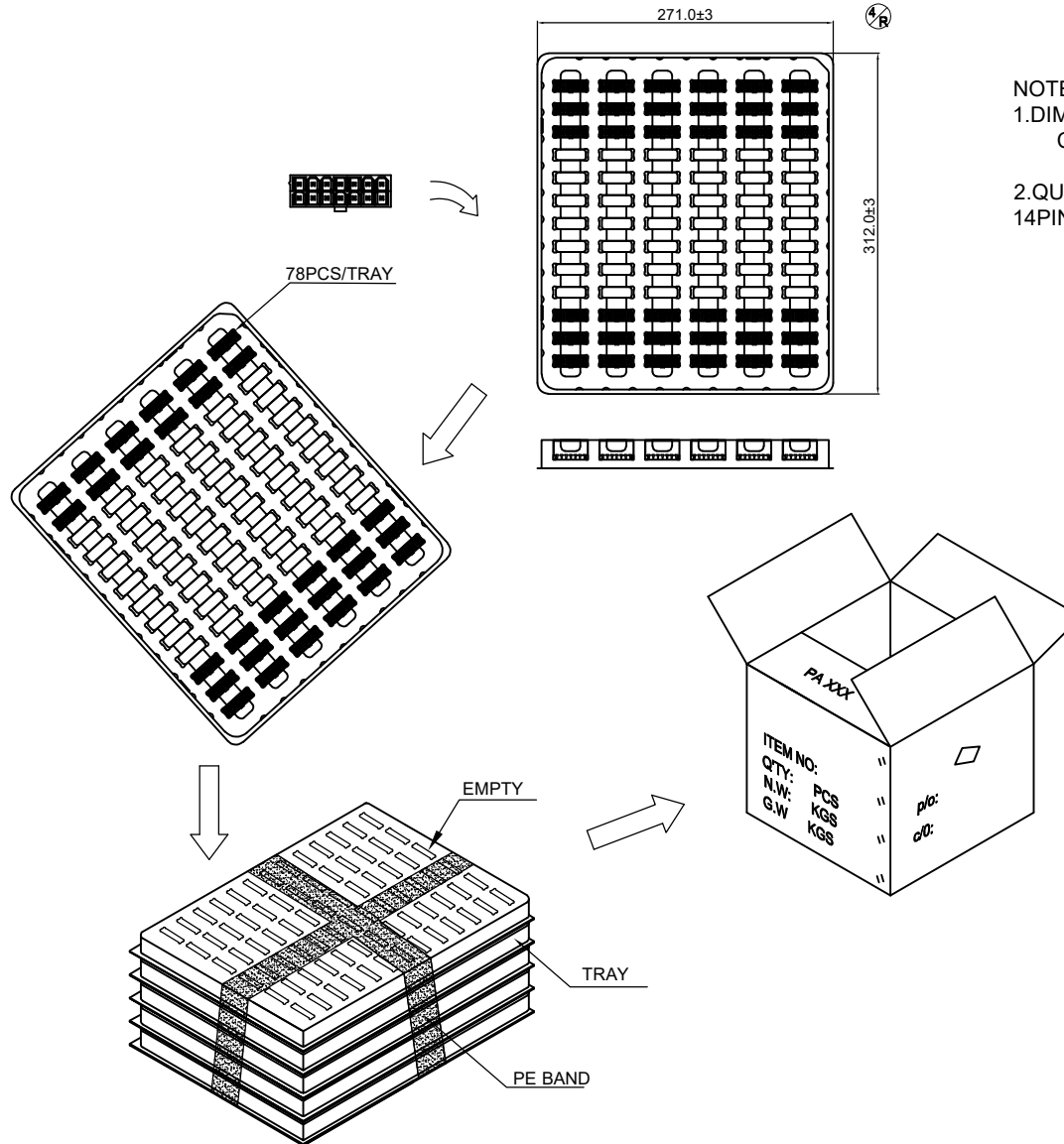
TRAY:L=312mm, W=271mm, H=26mm

2.QUANTITY:

14PIN 78 PCS/ TRAY

18 TRAY/ CARTON

1404 PCS/ CARTON



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ATX 2*N P 4.2MM 180° DIP TYPE POWER CONNECTOR

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PW24-MXXXT-0007-X

SIZE:

A4

FINSH:

DWG NO:

PW24-MXXXT-0007-X

SHEET:

6 OF 6

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS

