

RoHS Compliant

REVISIONS

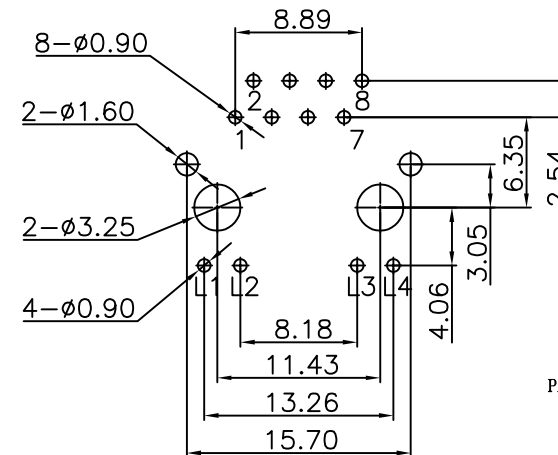
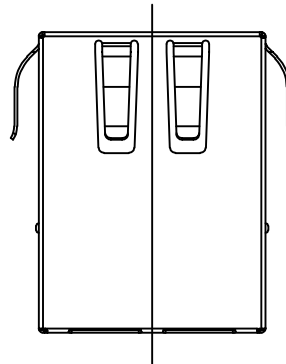
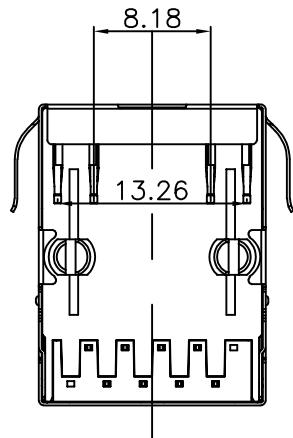
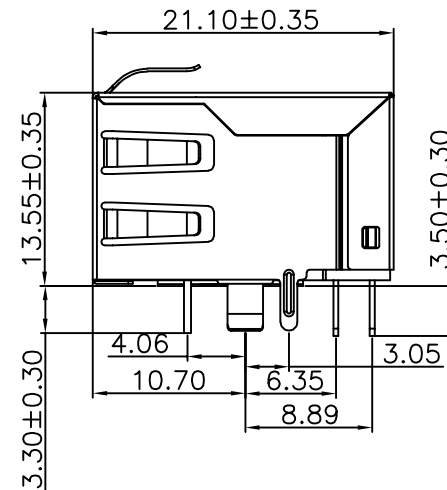
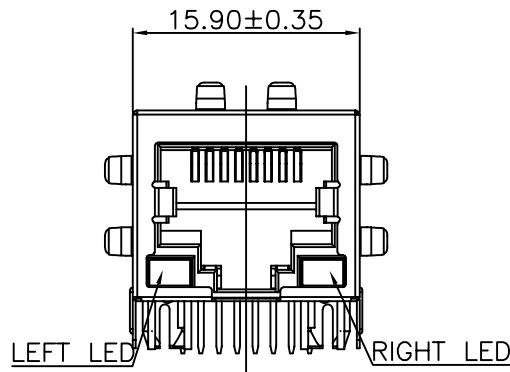
REV.	DESCRIPTION	DATE	DESIGN

1.Material:

- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
1.2 Shell: Stainless steel ,SUS 201.
1.3 RJ45 Terminal:Phosphor Bronze(C5191) T=0.35mm
Plating:6u" Gold Plated On Contact Area,
80u" ~120u" Tin Plated On Solder Area,
50u" ~80u" Ni Underplated Overall.
1.4 Tail Terminal: Brass(C2680) T=0.35mm,
Plating: 80u" ~120u" Tin Plated Over,
30u" ~50u" Ni Underplated Overall.

2.Environmental requirements:

- 2.1 Lead-free process,compliant RoHS.



Recommended PCB Layout
(Tolerance:±0.05)

PART NO. INFORMATION

RJ01-20AT-214

CONTACT PLATED
1: G/F 2: AU 3U"
3: AU 6U" 4: AU 10U"
5: AU 15U" 6: AU 30U"
LED LIGHT
2:L-YELLOW R-GREEN
PACKAGE
R: TAPE REEL
T: TRAY
HOUSING:
A:PBT BLACK

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.35	X.	± 3"
.XX	± 0.25	.X.	± 2"
.XXX	± 0.15	.XX.	± 1"

Website:www.bsc-elec.com
Email:bestcreate@bsc-elec.com

DESIGN:

DATE:

I. L

2017. 3. 1

CHECKED:

DATE:

C. W

2017. 3. 1

APPROVED:

DATE:

C. W

2017. 3. 1

TITLE:

RJ45 A10 1X1 CONNECTOR 100BASE WITH LIGHT

MATERIAL:

PART NO:

RJ01-20AT-214

SIZE:

A4

FINSH:

DWG NO:

RJ01-20AT-214

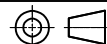
1 OF 3

REV: A

UNIT mm

SCALE 1=1

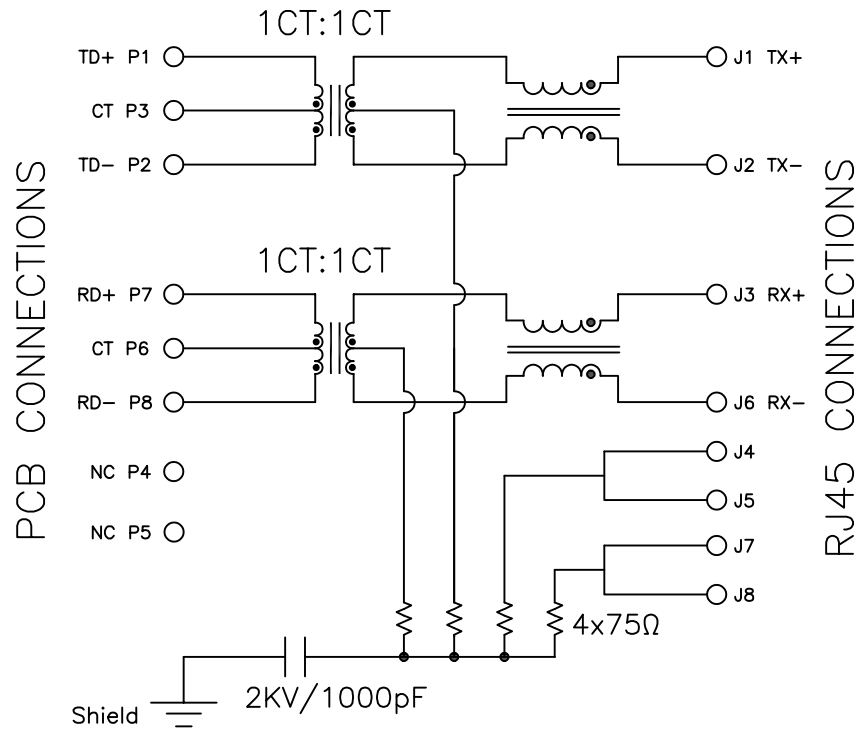
QUALITY SYMBOLS



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3.Electrical Specification @25°C:

3.1 Inductance: 350uH Min With 8mA DC bias.

3.2 Insertion loss :
1-100MHZ -1dB max.

3.3 Return loss :
1-30MHZ -18dB min.
30-60MHZ -16dB min.
60-80MHZ -12dB min.

3.4 Common Mode Rejection:1-100MHZ -30dB min.

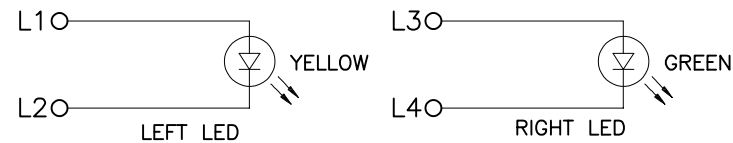
3.5 Cross Talk:1-100MHZ -30dB min.

4.Operating and Storage Temperature:

4.1 Operating Temperature : -40°C to +85°C.

4.2 Storage Temperature : -40°C to +85°C.

5.Wave soldering peak temperature:260°C.



Emitting Color	λp(nm)	Vf@If=20mA
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V

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.XX	±	0.25	.X"	±	2"
.XXX	±	0.15	.XX"	±	1"

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SIZE:

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FINSH:

DWG NO:

RJ01-20AT-214

2 OF 3

REV:

A

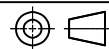
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mm

SCALE

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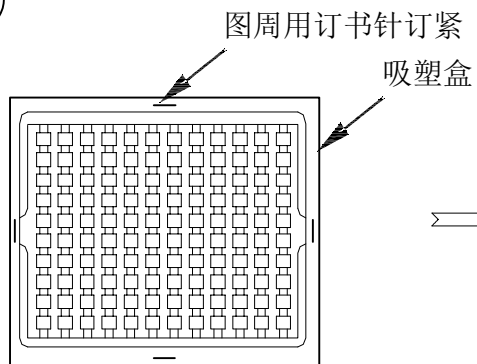
QUALITY
SYMBOLS



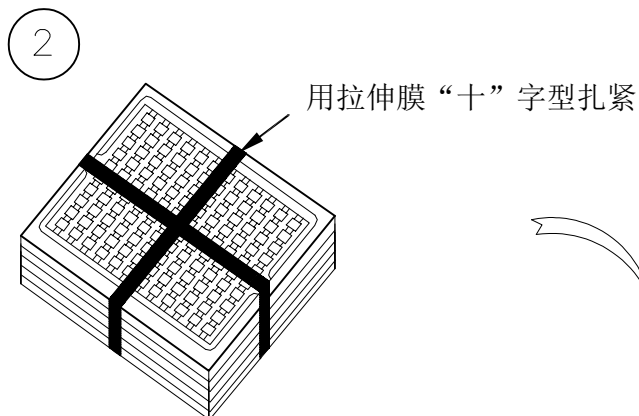
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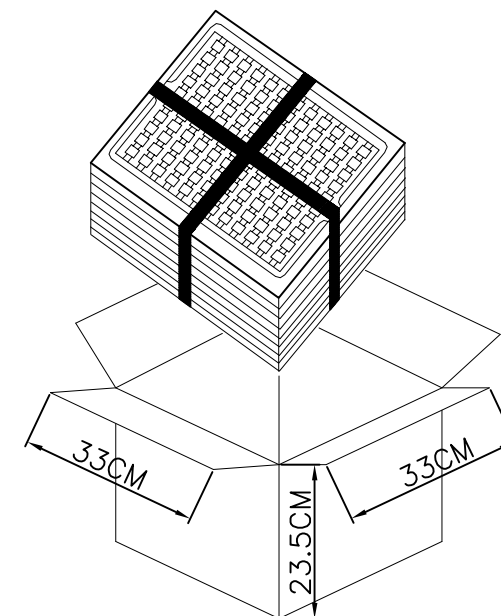
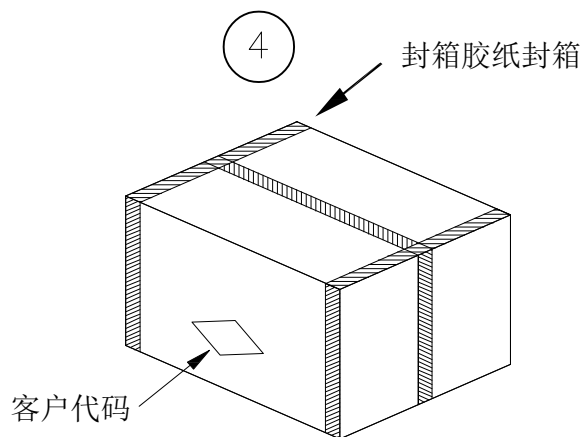


每吸塑盒放120PCS产品



5吸塑盒为一叠

3 每箱放10盒吸塑盒，
(共10盒1200PCS产品)



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TOLERANCES UNLESS OTHERWISE SPECIFIED:

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.XX	±	0.25	.X°	±	2°
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