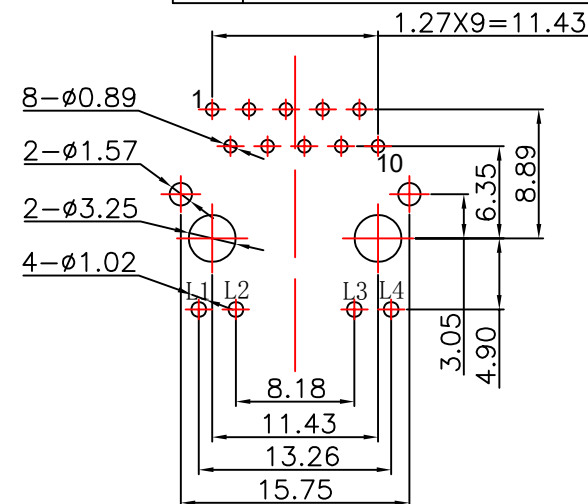
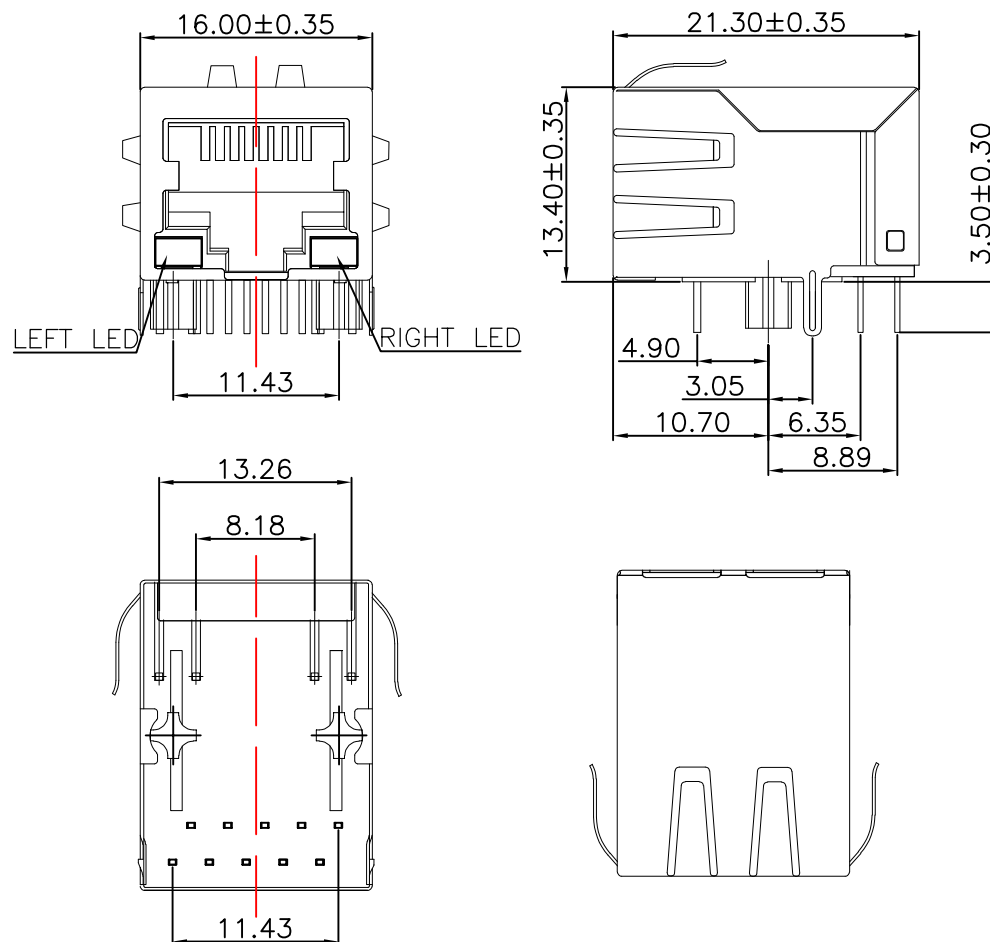


RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



Suggested PCB Layout(Top View)
(Tolerance:±0.05)

- 1.Material:
- 1.1 Housing: PBT UL94V-0 Black.
 - 1.2 Contact :Phosphor Bronze,Gold plated on contact area 6u".
 - 1.3 Input Terminal : Brass.
 - 1.4 Metal shielding:Copper alloy with Nickel plated.
- 2.Environmental requirements:
- 2.1 Lead-free process,compliant RoHS.

PART NO. INFORMATION

RJ01- X 2 B X - 195

CONTACT PLATED

1: G/F 2: AU 3U"
3: AU 6U" 4: AU 10U"
5: AU 15U" 6: AU 30U"

PACKAGE
R: TAPE REEL
T: TRAY

LED COLOR

2.L-GREEN R-YELLOW

HOUSING

B:LCP BLACK

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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:

5921 1X1 RJ45 FEMALE CONNECTOR B3.05 1000Mbps

MATERIAL:

PART NO:

SIZE:

FINISH:

DWG NO:

1 OF 2

REV:

A

UNIT

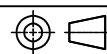
mm

SCALE

1=1

QUALITY

SYMBOLS



1

2

3

4

5

6

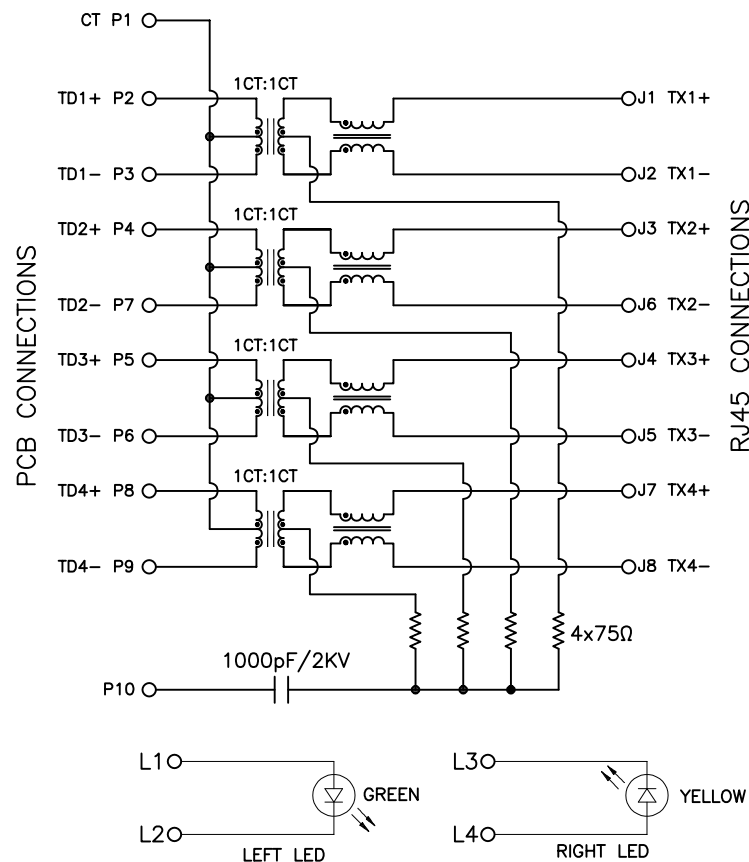
7

8

RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



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.
60-100MHZ -10dB 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 : 0°C to +70°C.

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

5. Wave soldering peak temperature: 260°C.

Emitting Color	λ_p (nm)	$V_f @ I_f = 20\text{mA}$
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V

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:

5921 1X1 RJ45 FEMALE CONNECTOR B3.05 1000Mbps

MATERIAL:

PART NO:

RJ01-X2BX-195

SIZE: A4

FINISH:

DWG NO:

RJ01-X2BX-195

2 OF 2

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
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