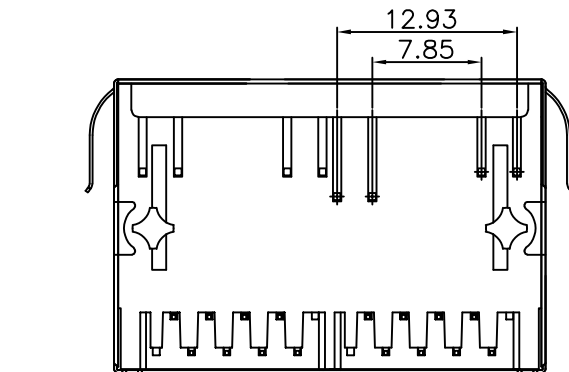
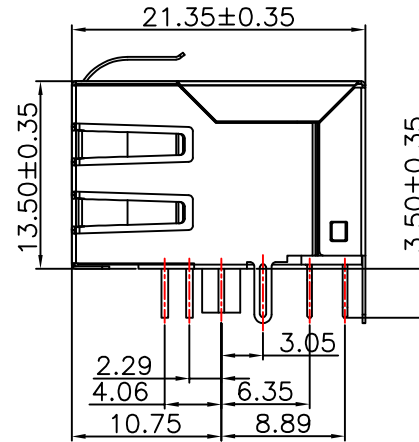
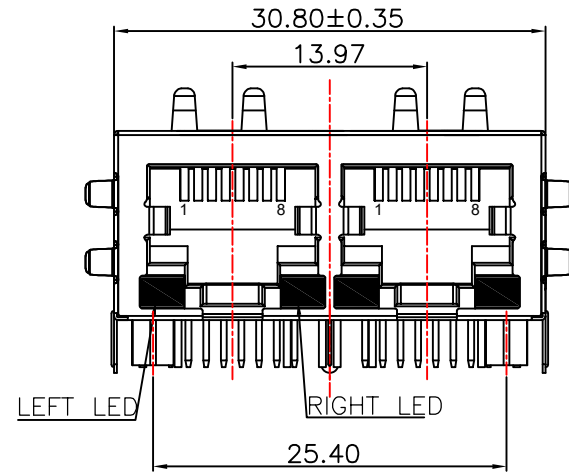


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



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

PART NO. INFORMATION

RJ01- 3 1 A X - 201

CONTACT PLATED

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

LED COLOR

1.L-GREEN R-YELLOW

PACKAGE

R: TAPE REEL
T: TRAY

HOUSING

A:PBT BLACK

1.Material:

1.1 Housing: PBT UL94V-0 Black.

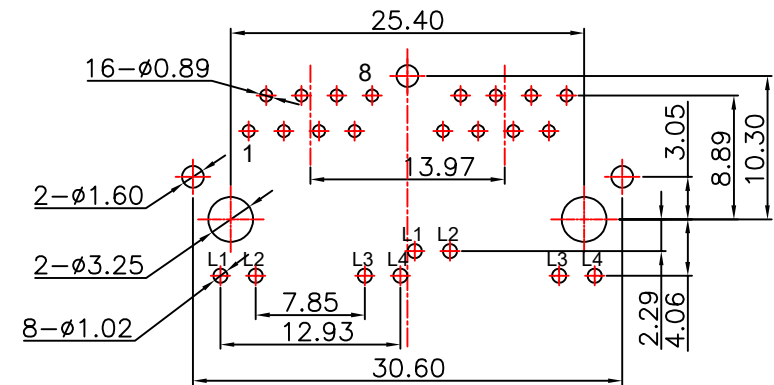
1.2 Contact :Phosphor Bronze,Gold plated on contact area 6u".

1.3 Input Terminal : Brass.

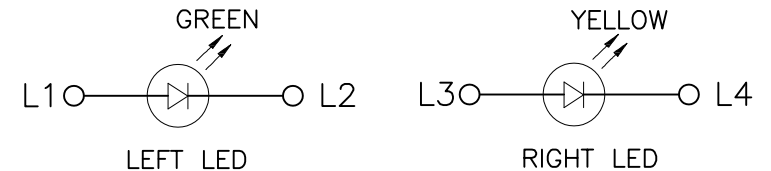
1.4 Metal shielding:Copper alloy with Nickel plated.

2.Environmental requirements:

2.1 Lead-free process,compliant RoHS.



Recommended PCB Layout
(Tolerance:±0.05)



Bestcreate Technology Limited

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
--------	---------	-----------	-----------------

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: I. L	DATE: 2017. 3. 1
CHECKED: C. W	DATE: 2017. 3. 1
APPROVED: C. W	DATE: 2017. 3. 1

TITLE: 5921 1X2 RJ45 FEMALE CONNECTOR DIP TYPE B3.05 100Mbps		
MATERILA:	PART NO: RJ01-31AX-201	SIZE: A4
FINSH:	DWG NO: RJ01-31AX-201	1 OF 2

1

2

3

4

5

6

7

8

RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

A

B

C

D

PCB CONNECTIONS

1CT:1CT

TD+ P1O

CT P4O

TD- P2O

1CT:1CT

RD+ P3O

CT P5O

RD- P6O

NC P7O

GND P8O

2KV/1000pF

4x75Ω

RJ45 CONNECTIONS

OJ1 TX+

OJ2 TX-

OJ3 RX+

OJ6 RX-

OJ4

OJ5

OJ7

OJ8

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.

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:	
.X ± 0.35	.X' ± 3'
.XX ± 0.25	.X' ± 2'
.XXX ± 0.15	.X' ± 1'

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN: I. L

DATE: 2017. 3. 1

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TITLE: 5921 1X2 RJ45 FEMALE CONNECTOR DIP TYPE B3.05 100Mbps

MATERILA:

PART NO: RJ01-31AX-201

SIZE: A4

FINSH:

DWG NO: RJ01-31AX-201

2 OF 2

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS

1

2

3

4

5

6

7

8