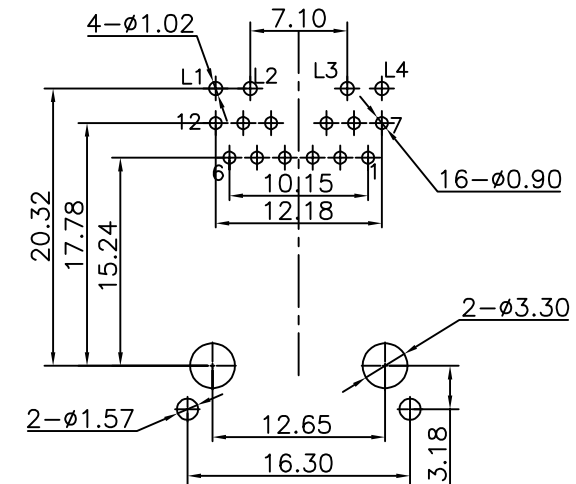
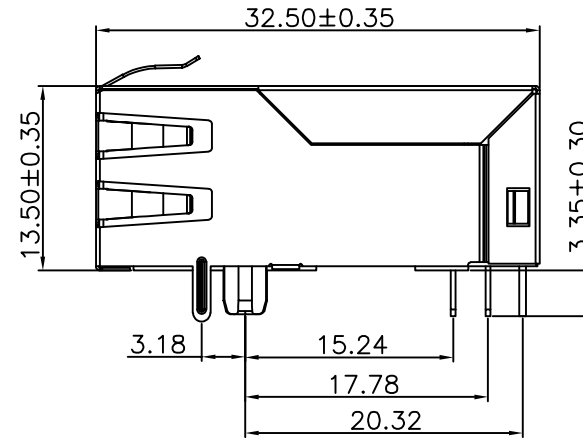
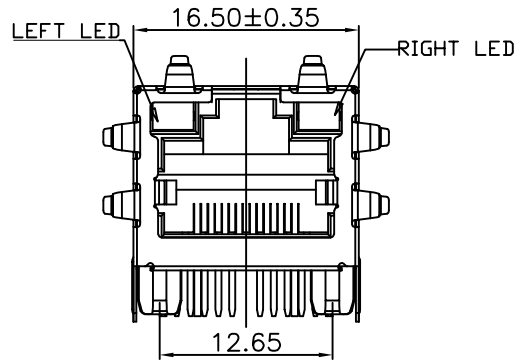


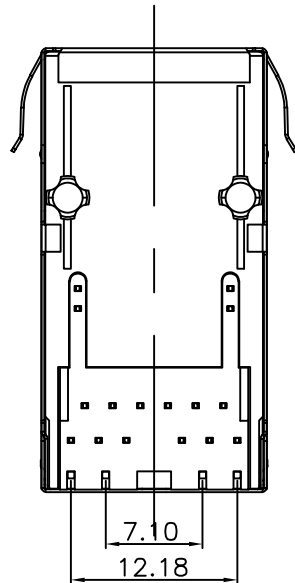
RoHS Compliant

REVISIONS

REV.	DESCRIPTION	DATE	DESIGN



Recommended PCB Layout
(Tolerance:±0.05)



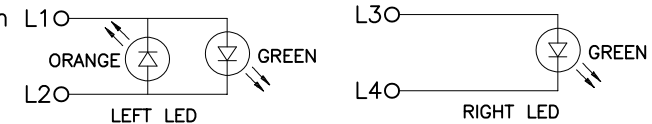
1.Material:

- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
- 1.2 Shell: 30u" Ni Over Brass(C2680),T=0.20mm.
- 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.

PART NO. INFORMATION



Emitting Color	λ_p (nm)	$V_f @ I_f = 20\text{mA}$
Green	565	1.8-2.5V
ORANGE	610	1.8-2.5V
YELLOW	585	1.8-2.5V

RJ01- X 8 B X - 192

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
8:L-GREEN&ORANGE
R-GREEN

HOUSING
B:LCP 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:

I. L 2017. 3. 1

CHECKED:

C. W 2017. 3. 1

APPROVED:

C. W 2017. 3. 1

DATE:

2017. 3. 1

DATE:

2017. 3. 1

DATE:

2017. 3. 1

TITLE:

RJ45 TAB UP FEMALE CONNECTOR 1000Mbps, L=32.5MM, 6U" PBT

MATERIAL:

FINSH:

PART NO:

DWG NO:

RJ01-X8BX-192

RJ01-X8BX-192

SIZE: A4

1 OF 2

REV:

A

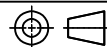
UNIT

mm

SCALE

1=1

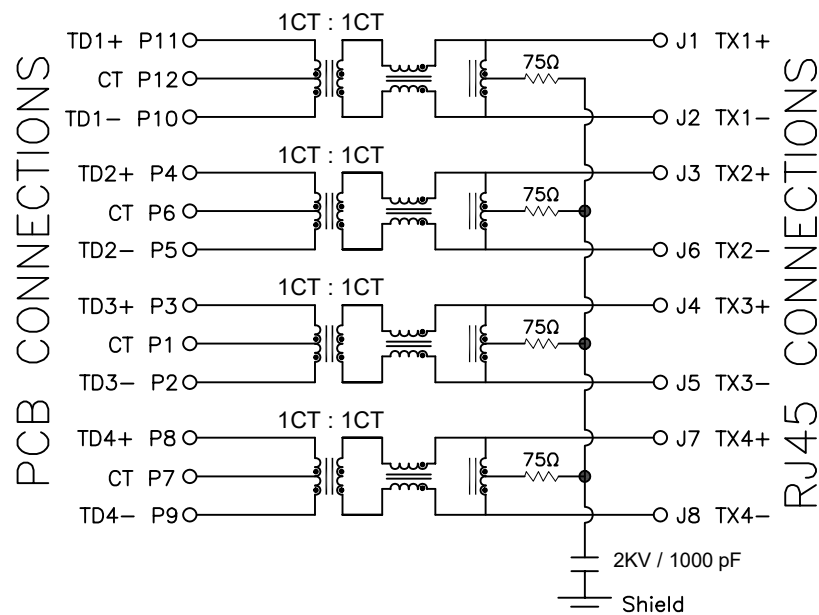
QUALITY
SYMBOLS



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.
80-100MHZ -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 : -40°C to +85°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	.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 TAB UP MID-MOUNT 8.85 SMT FEMALE CONNECTOR 1000Mbps

MATERILA:

PART NO:

RJ01-X8BX-192

SIZE:

A4

FINSH:

DWG NO:

RJ01-X8BX-192

2 OF 2

REV:

A

UNIT

mm

SCALE

1=1

QUALITY

SYMBOLS

