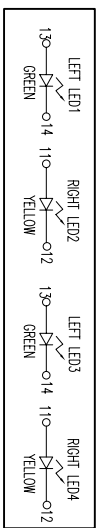


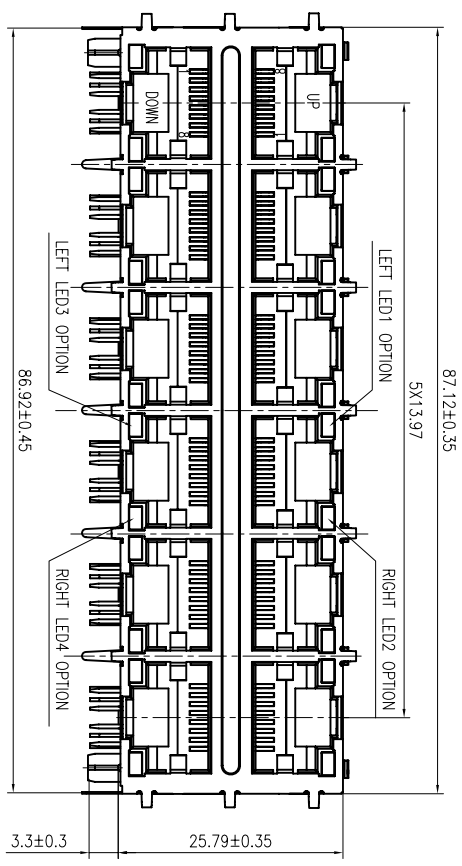
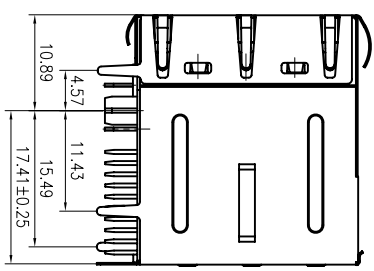
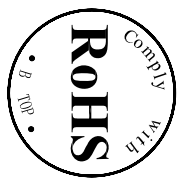
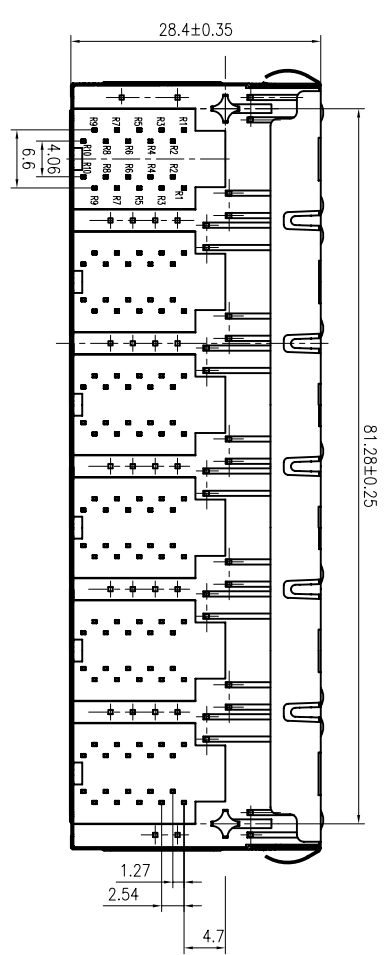
PCB BOARD LAYOUT



LED Specification

Standard LED Color	LED Wavelength (nm)	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
Green	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
Yellow	580-610 nm	2.5V	2.1-2.2V	9-30 MCD
Orange	580-610 nm	2.5V	2.1-2.2V	50-100 MCD

1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
 2. With a forward current of 20 mA, Absolute Maximum Ratings (T_a=25°C)
- 1: TOLERANCES UNLESS OTHERWISE SPECIFIED :
 0~10±0.15, 10~20±0.2, 20~40±0.25,
 40~70±0.3, >70±0.4
2. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.



B-TOP **东莞博腾电子科技有限公司**
 Dongguan Broadtop Electronic Technology Co., Ltd.

TEL: 0769-38926198
 FAX: 0769-38926199
 Website: www.broadtop.com
 www.dongguanbroadtop.com

Designed: _____
 Checked: _____
 Approved: _____

MATERIAL: _____
 DESCRIPTION: B59(168-08)G8-10A-6223-C12(X6 G-Y LED EMI)
 SCALE: 1:2:1 UNIT: mm MODEL NO.: _____
 REV: V1.0

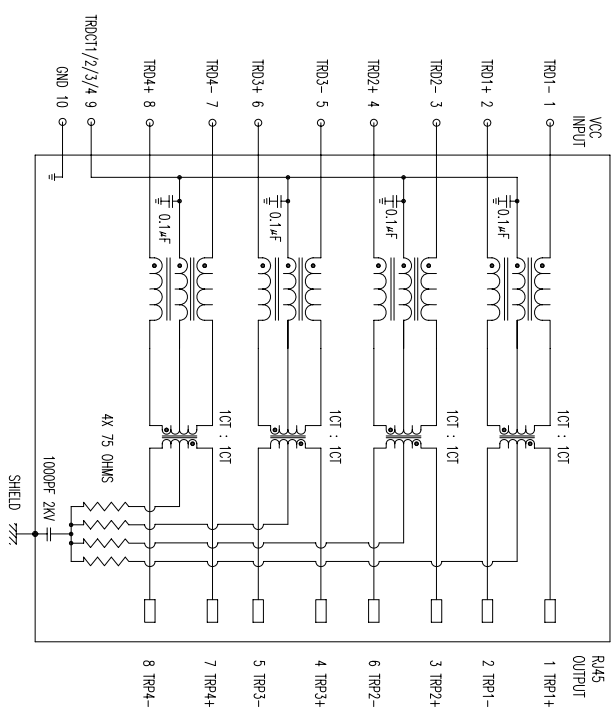
B

B

A

A

SCHEMATIC



DESCRIPTION

RJ45 With internal Magnetics Connector

Designed to support such applications as: Ethernet Equipment Complex, Switches, Routers, Firewalls, Servers and Hub Internal magnetics are 100% electrically tested for functionality per IEEE802.3 requirement

ELECTRICAL:

High performance for maximum EMI suppression
350uH minimum OCL with 8mA bias current
PoE rating: 15W, 350mA, 48V (For PoE Products only)

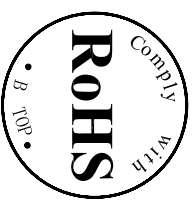
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

MECHANICAL:

INSERTION FORCE: 2 CONTACTS-----350g 4 CONTACTS-----500g
6 CONTACTS-----750g 8 CONTACTS-----900g
RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG
DURABILITY: 750 MATING CYCLES Mini

MATERIAL:

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
2) GLASS FILLED PA46/LCP (UL 94V-0)
3) GLASS FILLED PBT (UL 94V-0)
SPRING WIRE: 1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
2) 0.2-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL
SHIELDING: 0.12-0.24mm THICKNESS COPPER ALLOY WITH TIN PLATED
GOLD PLATING: 3µ", 6µ", 15µ", 30µ", 50µ"
WORKING TEMPERATURE: -20°C~70°C
TOLERANCES UNLESS OTHERWISE SPECIFIED : 0~10±0.15, 10~20±0.2, 20~40±0.25, 40~70±0.3, >70±0.4



ELECTRICAL SPECIFICATIONS AT 25 °C

Insertion Loss dB max	Return Loss dB min	Crosstalk(dB TYP)	Common Mode Rejection (dB TYP)	Hipot(Vrms)
1-125MHz	1-30MHz	30-80MHz	1-100MHz	1500/0.5mA OR 2250DC/0.1mA
-1.2	-18	-18+20log(f/30MHz)	-30	-30

B-TOP® 东莞市博腾电子科技有限公司
Dongguan BroadTop Electronic Technology Co., Ltd.

TEL: 0769-38926198
FAX: 0769-38926199
www.BroadTopTech.com
Website: www.BroadTopTech.com

Designed
Checked
Appr.ved

MATERIAL

SCALE 1.8:1
UNIT mm
MODEL NO.

REV. B80020001011

BT G8-10A(三抽头)

B

B

A

A