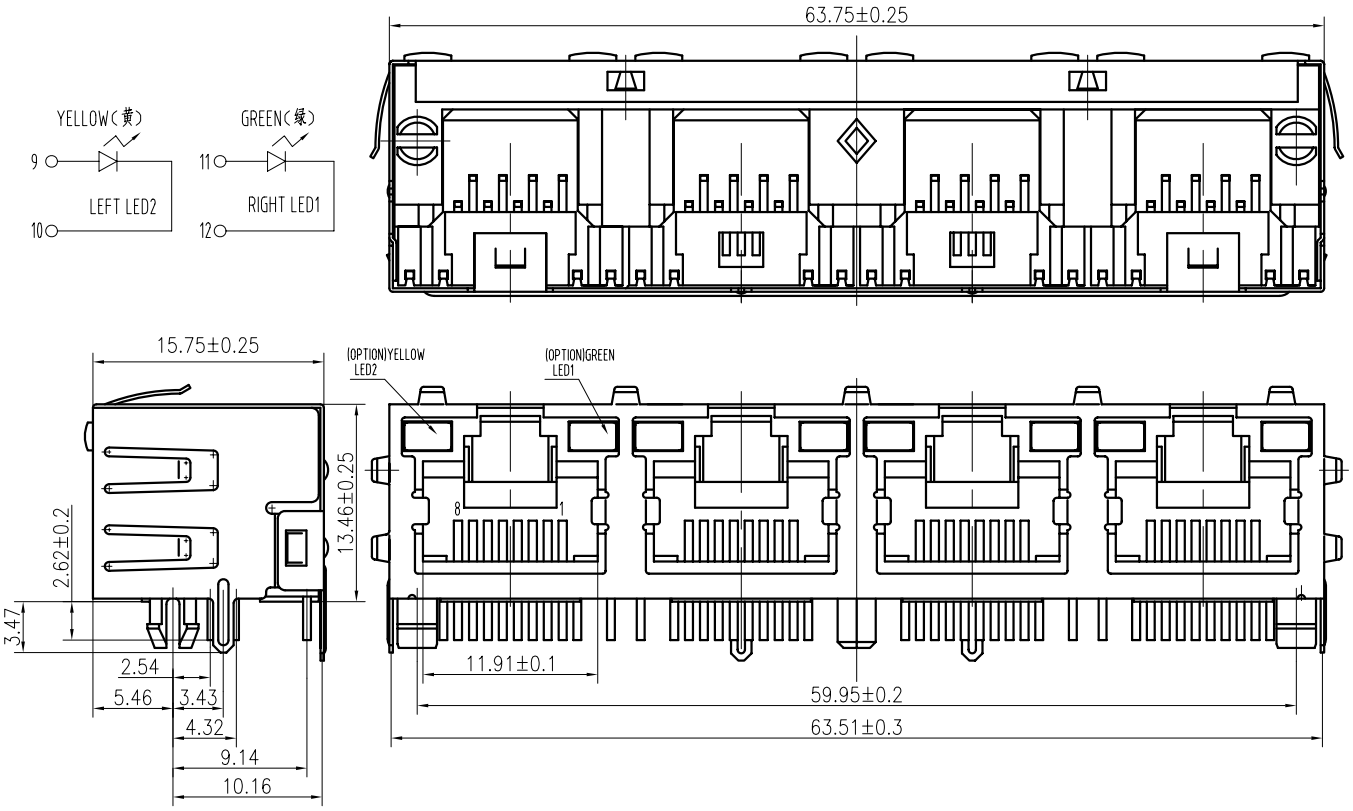


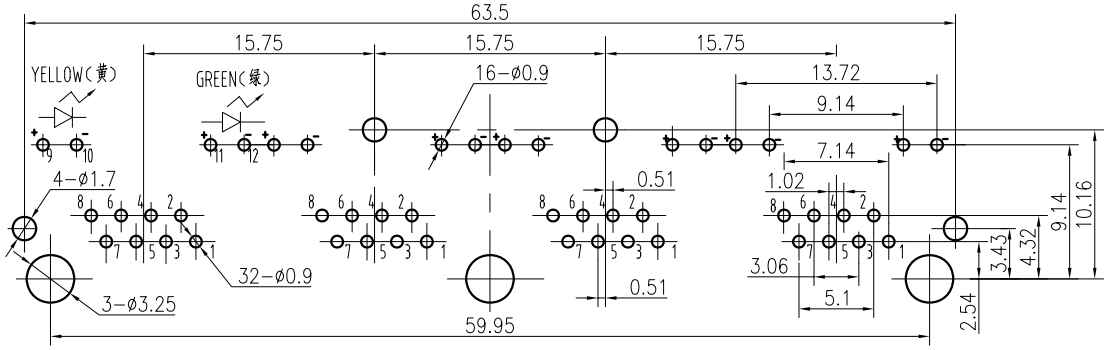


# SPECIFICATIONS

CURRENT RATING: 0.5A VOLTAGE RATING: 125V AC

INSULATION RESISTANCE: 500MΩ Mini

WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1 Min

CONTACT RESISTANCE: 20mΩ Max

INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g
6 CONTACTS----750g 8 CONTACTS----900g
10 CONTACTS----1050g

RETENTION STRENGTH: 7.7Kg BETWEEN JACK AND PLUG

DURABILITY: 750 MATING CYCLES Mini

HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
2) GLASS FILLED PA46 (UL 94V-0)
3) GLASS FILLED PBT (UL 94V-0)

SPRING WIRE: 1) 0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL
2) 0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL

SHIELDING: 0.24mm THICKNESS COPPER ALLOY WITH TIN PLATED

GOLD PLATING: 3μ", 6μ", 15μ", 30μ", 50μ"

WORKING TEMPERATURE: -40℃~85℃

TOLERANCES UNLESS OTHERWISE SPECIFIED:0~10±0.15、10~20±0.2、20~40±0.25、40~70±0.3、≥70±0.4

Comply with RoHS

B N (Z) G - A B C D - E H I

"B" with the company code

Series of products: 59: Double RJ45 + transformer series; 50: Single RJ45 + transformer series;52/53/55/56 LED/56/57/59: Ordinary RJ45 series;DX: that strip line series; 40: Conversion said Connectivity 80: Series that UK; 91: Automotive connector public Block;92: Automotive connector mother Block; 93: HDMI the head;94: HDMI mother Block; 95: SMT series; 96: RMS for switches

Family code (sequence id) :1-99

Type of product code: G: Gigabit RJ45 transformer; F: 100Base RJ45 transformer; W for no transformer RJ45 products; W Series for board-to-board code; N: Series for board-to-board code

Products out port: 1-2X1; 2-2X2; 4-2X4; 5-2X5; 6-2X6; 8-2x8; A-1X1; B-1X2; C-1X4; D-1X5; E-1X6; T-1X8; U-CUSB+RJ45); P-TAB UP(in)1X1; H-TAB UP(in) 1X2; K-TAB UP(in) 1X4;

Products luminous definition: 0 - No LED; 1 -Left Yellow Right Green; 2 - Left Green Right Yellow; 3 - Double Green; 4 - Double Yellow; 5 - LED straight for the pin; 6 - A special definition;

Product definition LOGO: 1 - Press "B-TOP";2- No "B-TOP" ; 3- Other companies LOGO

Product definition plastic materials: 1-PA66,2-PA46, 3-PA, 4-PA6, 5-PBT, 6-ABS, 7-PA9T,8-PC

Pin definition of the product:F-Pin after; B-Pin back; C- No definition of the product

Electroplating product definition: gold-plated terminals(degrees after nickel plated) 1-F μ"; 2-3μ"; 3-6μ"; 4-15μ"; 5-30μ"; 6-50μ"; 7-(Ni-50μ",Sn-80-120μ");

Product shielding definition: 0 - no shielding shell; 1 - without shielding shell shrapnel; 2 - shielding a shell shrapnel; 3 - a half-shield shell;

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| B-TOP® 东莞市博腾电子科技有限公司 Dongguan BroadTop Electronic Technology Co., Ltd. | | | Designed | | MATERIAL | | DESCRIPTION | B56LED(11-12)W-C121-B52(56LED 1X4 EMI 8P) | |
| | | | Checked | | | | | | |
| FIRST ANGLE PROJECTION | | TEL: 0769-38926198<br>FAX: 0769-38926199<br>Website: http://www.btoptech.com | Approved | | SCALE | 2:1 | UNIT mm | MODEL NO. | REV. V1.1 |

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