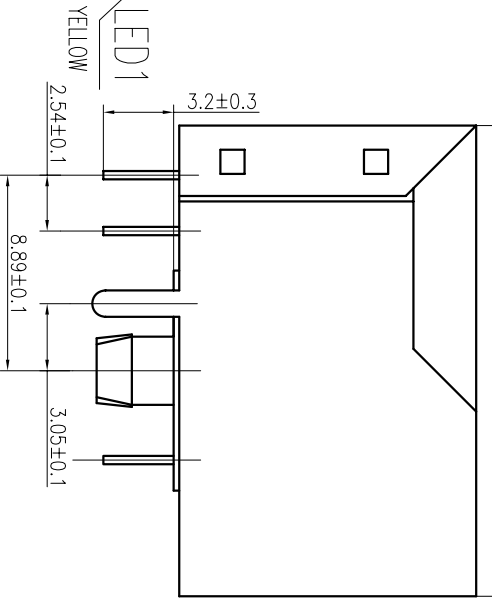
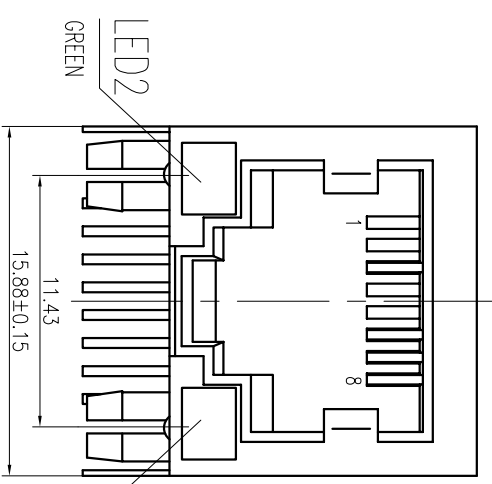
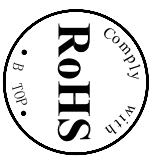


### SPECIFICATIONS

- CURRENT RATING: 1.5A
- VOLTAGE RATING: 125V AC
- INSULATION RESISTANCE: 500M $\Omega$  Mini
- WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1 Min
- CONTACT RESISTANCE: 20m $\Omega$  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: 0.25mm THICKNESS COPPER ALLOY WITH TIN PLATED
- GOLD PLATING: 3 $\mu$ , 6 $\mu$ , 15 $\mu$ , 30 $\mu$ , 50 $\mu$
- WORKING TEMPERATURE: -40 $^{\circ}$ C~70 $^{\circ}$ C



**"R" with the company code**  
 Series of products: 99: Mobile R415 + transformer series; 90: Single R415 + transformer series; 92/53/55/56 LED/56/57/59: Ordinary R415 series; 2M: thin strip line series; 40: conversion said Connectivity 80: Series that IR: 91: Automotive connector module Block; 93: I/OI the head; 94: I/OI another Block; 95: SIM series; 96: IHS For switches

**Family code (sequence id): 1-99**  
 Type of product code: G: G4141 R415 transformer; F: I/OI the R415 transformer; I: for no transformer R415 products; K: Series for hand-etched code; L: Series for hand-etched code

**Products not part:** E-2X1, E-2-2X2, 4-2X4, 5-2X3, 5-2X5, B-3-8, A-1M, B-1X2, C-1X4, P-1X5, E-1X6, F-1X8, U-Q3P4R4J9, P-7-8, R(Pu)X1, H-7-18, U(Pu) 1X2, K-7-18, U(Pu) 1X4

**Product luminous definition:** 0 - No LED; 1 - Led; 1-4 - Led; Right Green; 2 - Left Green; Right Yellow; 3 - Double Green; 4 - Double Yellow; 5 - LED straight for the part; 6 - Special definition

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

**Product definition plastic materials:** 1-P466, 2-PA46, 3-PA, 4-PA6, 5-PEBT, 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 $\mu$  : 2-3 $\mu$  ; 3-6 $\mu$  ; 4-15 $\mu$  ; 5-50 $\mu$  ; 6-50 $\mu$  ; 7-1N50 $\mu$  ; 8-120 $\mu$  ; 9-

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

**BTOP**  
 Dongguan BroadTop Electronic Technology Co., Ltd.

Designed  
 Checked  
 Approved

MATERIAL  
 SCALE 3:1  
 UNIT mm

DESCRIPTION  
 B59(09-02)W-A212-B12(5921S 1X1 B3.05)

FIRST ANGLE PROJECTION  
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 Website: http://www.btotech.com

REV. V1.0