

# NOTICE

**ELECTRICAL:**  
 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

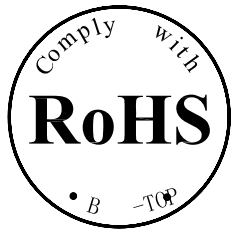
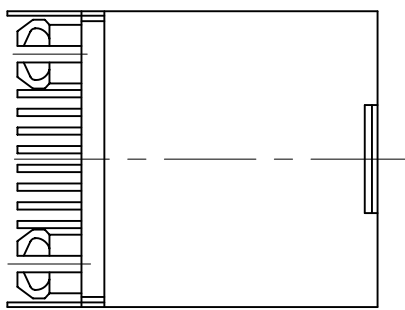
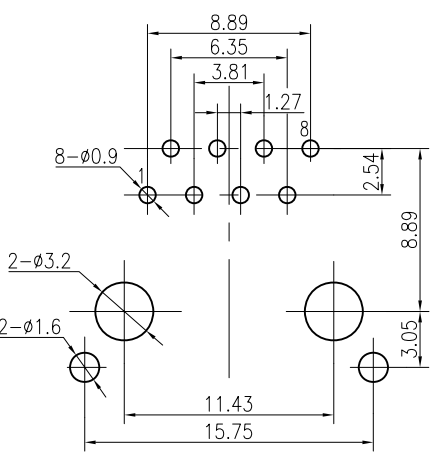
**MECHANICAL:**  
 INSERTION FORCE: 2 CONTACTS-----350g, 4 CONTACTS-----500g,  
 6 CONTACTS-----750g, 8 CONTACTS-----900g, 10 CONTACTS-----1050g ;  
 RETENTION STRENGTH: 7.7Kg BETWEEN JACK AND PLUG  
 DURABILITY: 750 MATING CYCLES Mini;  
 MATERIAL:  
 HOUSING: 1) GLASS FILLED PA66 (UL 94V-0), 2) GLASS 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: F $\mu$ , 3 $\mu$ , 6 $\mu$ , 15 $\mu$ , 30 $\mu$ , 50 $\mu$   
 WORKING TEMPERATURE: -40 $^{\circ}$ C~70 $^{\circ}$ C  
 TOLERANCES UNLESS OTHERWISE SPECIFIED: 0~10 $\pm$ 0.15, 10~20 $\pm$ 0.2,  
 20~40 $\pm$ 0.25, 40~70 $\pm$ 0.3,  $\geq$ 70 $\pm$ 0.4

A

A

B

B



"B" with the company code

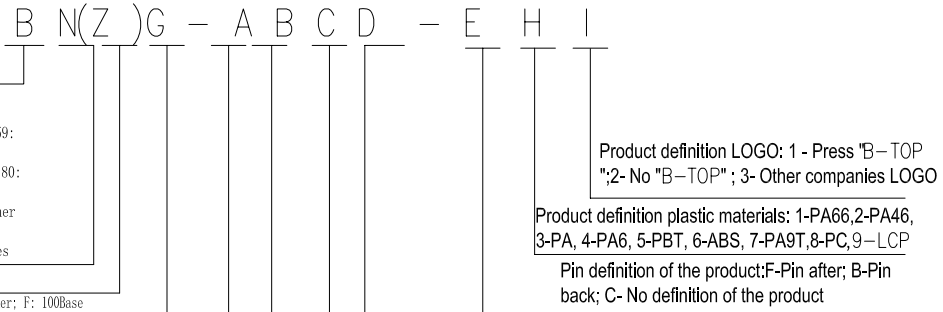
Series of products: 59: Double RJ45 + transformer series; 50: Single RJ45 + transformer series; 52/53/55/56 LED/56/57/59: Ordinary RJ45 series; DX: that strip line series; 40: Conversion said Connectivity 80: Series that UK; 91: Automotive connector public Block; 92: Automotive connector mother Block;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

Products out part: 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-(USB+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;

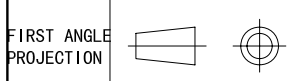


Electroplating product definition: gold-plated terminals(degrees after nickel plated) 1-F  $\mu$  " ; 2-3  $\mu$  " ; 3-6  $\mu$  " ; 4-15  $\mu$  " ; 5-30  $\mu$  " ; 6-50  $\mu$  " ; 7-(Ni-50  $\mu$  " ; Sn-80-120  $\mu$  " ) ;

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

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

Designed				MATERIAL				DESCRIPTION	B52(01-05)W-A011-C52(5224S 1X1-8P 3.05)				
Checked				SCALE	2.5:1	UNIT	mm	MODEL NO.					
Approved												REV.	V1.1



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