

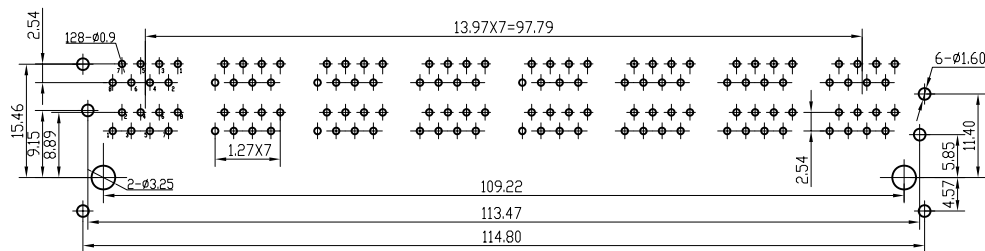
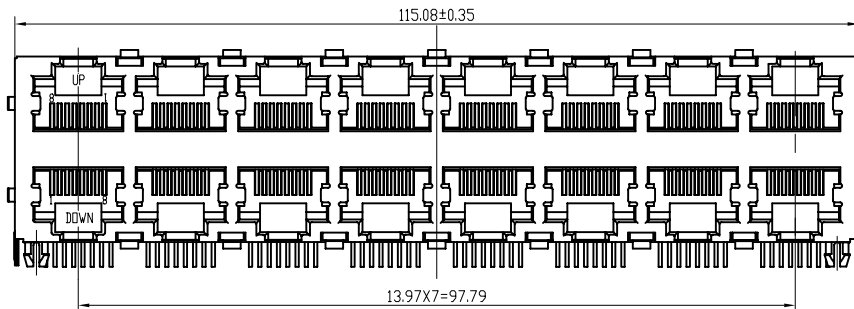
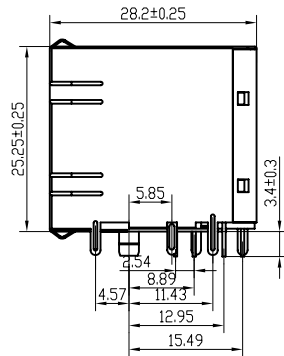
### SPECIFICATIONS

**ELECTRICAL :**  
 CURRENT RATING: 1.5A  
 VOLTAGE RATING: 125V AC  
 INSULATION RESISTANCE: 500MΩ Mini  
 WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1 Min  
 CONTACT RESISTANCE: 20mΩ 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: 0.2mm THICKNESS COPPER ALLOY WITH TIN PLATED  
 GOLD PLATING: 3μ", 6μ", 15μ", 30μ", 50μ"

WORKING TEMPERATURE: -40°C~70°C



PC Board Layout

"B" with the company code  
 Series of products: 80: Double RJ45 + transformer series; 90: Single RJ45 + transformer series; 92: 50/50/50/50/50/50/50/50/50 series; 93: 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: MIS for switches

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

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-Fμ" ; 2-3μ" ; 3-6μ" ; 4-15μ" ; 5-30μ" ; 6-50μ" ; 7-(N-50μ" ; Sn-80-120μ" )

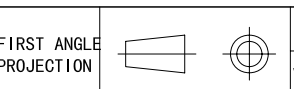
Product shielding definition: 0 - no shielding shell; 1 - without shielding shell strapnet; 2 - shielding a shell strapnet; 3 - a half-shield shell

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

Designed  
 Checked  
 Approved

MATERIAL  
 SCALE 1:1  
 UNIT mm  
 MODEL NO.

DESCRIPTION B59(08-05)W-8041-C52(U59 2X8 EMI)



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REV.  
 V1.0