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NOTICE

ELECTRICAL :

CURRENT RATING:1.5A VOLTAGE RATING: 125V AC INSULATION RESISTANCE:500M Ω Mini
WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1 Min CONTACT RESISTANCE: 20m Ω 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

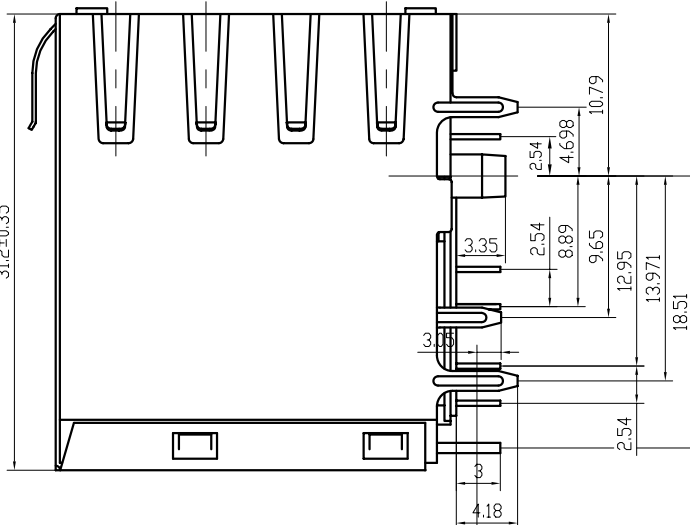
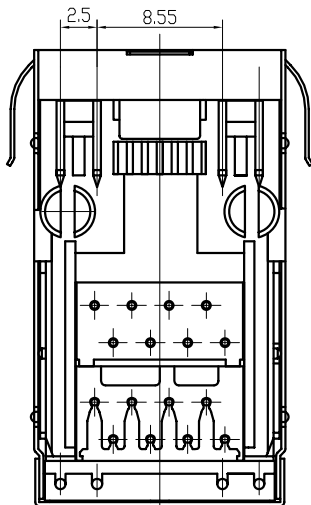
2) 0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL

SHIELDING: 0.25mm THICKNESS COPPER ALLOY WITH TIN PLATED

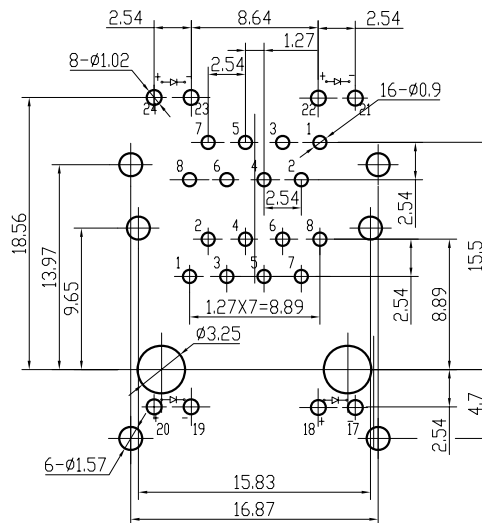
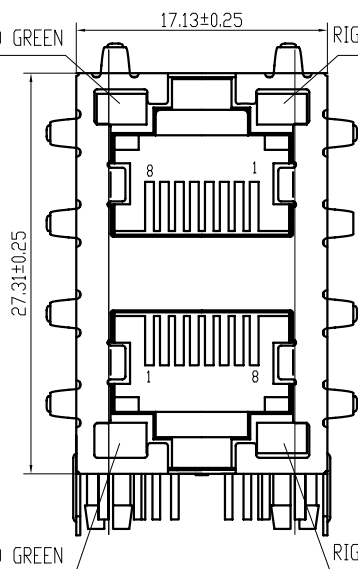
GOLD PLATING: 3 μ , 6 μ , 15 μ , 30 μ , 50 μ

WORKING TEMPERATURE: -40 \sim 70 $^{\circ}$ C

TOLERANCES UNLESS OTHERWISE SPECIFIED : 0 \sim 10 \pm 0.15, 10 \sim 20 \pm 0.2, 20 \sim 40 \pm 0.25, 40 \sim 70 \pm 0.3, $>$ 70 \pm 0.4.



LEFT LED GREEN RIGHT LED YELLOW



PC Board Layout

B	LEFT LED	RIGHT LED
1	YELLOW	GREEN
2	GREEN	YELLOW
3	GREEN	GREEN
4	YELLOW	YELLOW
5		

LED POLARITY

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

"B" with the company code

Series of products: 39: 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: BHS for switches

Family code (sequence id): 1-99

Type of product code: 0: Single RJ45 transformer; 1: 10Base RJ45 transformer
V for no transformer; RJ45 product: V Series for board/board code U: Series
for board/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; 1-1X8; U-(USB+RJ45); P-TAB UP(No)XI; H-TAB
UP(No) IX2; K-TAB UP(No) IX4.

Products jumpous definition: 0 - No LED; 1 - Left Yellow Right Green; 2 - Left Green Right Yellow; 3 - Double Green;
- 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 ; 2-3 μ ;
3-6 μ ; 4-15 μ ; 5-30 μ ; 6-50 μ ; 7-(Ni-50 μ ; Sn-80-120 μ) ;

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

2:1

UNIT

mm

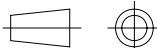
DESCRIPTION

B59(04-05)W-1222-C12(2X1)双脚 LEDG/Y EMI)

MODEL NO.

REV.

V1.0

FIRST ANGLE
PROJECTION

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