

A

B

C

D

E

① 16.45±0.3
② 11.91
③ 13.45±0.15
④ 12.46
⑤ 1.67
定位柱内尺寸

⑬ 13.40±0.3
⑭ 1.30
⑮ 15.50±0.3
⑯ 5.40
⑰ 0.1
⑱ 3.10
⑲ 5.40

SPECIFICATION NOTES:
ELECTRICAL:

- VOLTAGE RATING: 125 VAC RMS
- CURRENT RATING: 1.5 AMP
- CONTACT RESISTANCE: 30mΩ MAX.
- INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.
- DIELECTRIC STRENGTH: 1000 VAC 50Hz 1MINUTE

MECHANICAL:

- HOUSING/INSERT MATERIAL: THERMOPLASTIC, LCP UL94V-0 RATED, COLOR BLACK.
- CONTACT MATERIAL: C5191-H T=0.30MM
- SHELL MATERIAL: C2680-H T=0.20MM.
- PLATING: GOLD PLATING OVER NICKEL, PLATED NICKEL 30-50U". SN 100-150U. GOLD PLATED ON CONTACT AREA FU/3U/6U/15U/30U" SHELL PLATING: PLATED NICKEL 30-80U".
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 22.5N MAX.

ENVIRONMENTAL:

- STORAGE: -40°C TO +85°C
- OPERATION: -40°C TO +85°C

标有“Φ”为FAI尺寸, 标有“▼”号为重点管控及首件检测尺寸.

⑩ 0.45±0.1
⑪ 7.14±0.15
⑫ 1.02±0.1
⑬ 2.50
⑭ 1.55
⑮ 0.75
⑯ 18.80
⑰ 12.70
定位柱中心尺寸

1.02
7.14
3.05
0.61
2.50
3.89
5.99
2.31
12.70
7.14
2.78
0.75

Recommend PCB Layout
(Jack Top View)
TOLERANCES: ±0.05

NOTES : 1. Tolerance : PCB ±0.05mm
Connector ±0.25mm
2. Connector dimensions comply with FCC 68.5 dimension requirements

ORDER INFORMATION

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

"B" with the company code

Series of products:
00: Double deck RJ45 connector+transformer series (in sidelong footprint);
01: Double deck RJ45 connector+transformer series (in vertical footprint);
02: Single RJ45 + transformer series;
03/05/06 LED/06/07/08: Ordinary RJ45 series; 04: 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: RRS for switches

Family code (sequence id) : 1-99

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

Number of magnetic ring

The No. of circuit

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, 9-LCP

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; 2-S; 3-D; 4-L; 5-S; 6-50; 7-(N-50; Sn-80-120);

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

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; 7- Single linear LED

Products output:
1-2X1, 0-2X2, 4-2X4, 5-2X5, 6-2X6, 8-2X8, A-1X1,
B-1X2, C-1X4, D-1X8, E-1X6, T-1X5, U-(USB+RJ45), P-TAB
UPIX1; H-TAB UPIX2; K-TAB UPIX4;

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

TITLE: B56LED(18-08)W-A015-B92(56LED1X1 SMT)
PART NO.: RJ45 8P8C 15.5 SMT W/ SHELL W/o LED

DIM.	TOL.	UNIT:	mm
X	±0.30	SCALE:	1:1
X.X	±0.20	SHEET:	1 of 2
X.XX	±0.15	DWG. SIZE:	A4
X.XXX	±0.10	LAYER:	XXXX
GENERAL ANGLE:	±3°		

WEBSITE:	WWW.BTOPTECH.COM				
TEL:	0769-38928198				
FAX:	0769-38928199				
DRAWN:					
CHECKED:		XA	NEW RELEASE	xxxx	Jason
APPROVED:		REV.	DESCRIPTION	ECN NO.	NAME
					DATE

REVISIONS

ARTICLE: B-TOP-001