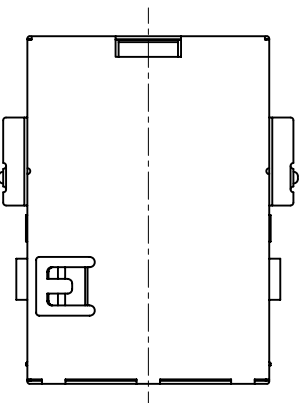


RECOMMENDED PCB LAYOUT (TOP VIEW)
T=1.60 TOLERANCES:±0.05



- 1:TOLERANCES UNLESS OTHERWISE SPECIFIED :
0~10±0.15, 10~20±0.2, 20~40±0.25,
40~70±0.3, >70±0.4
- 2:JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,PART 68 SUBPART F.



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

FIRST ANGLE PROJECTION



TEL: 0769-38926198
FAX: 0769-38926199
Website: www.BroadTopTech.com
www.BroadTopTech.com

Designed
Checked
Approved

MATERIAL

LCP

DESCRIPTION

B50(08-15)F4-03A-P013-092(TAB UP 1X1 插板 8PIN)

SCALE

2:1

UNIT

mm

MODEL NO.

REV.

CLRJ45-RS05-1011

DESCRIPTION

ELECTRICAL: RJ45 With internal Magnetics Connector
 Design to support such applications as: Ethernet Equipment Complex, Switches, Routers, Firewalls, Servers and Hub
 Internal magnetics are 100% electrically tested for functionality per IEEE802.3 requirement
 RoHS peak wave temperature rating 235^ov
 High performance for maximum EMI suppression
 350uH minimum OCL with 8mA bias current

MECHANICAL: JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

INSERTION FORCE: 8 CONTACTS--900g, 10 CONTACTS--1050g
RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG
DURABILITY: 750 MATING CYCLES Mini

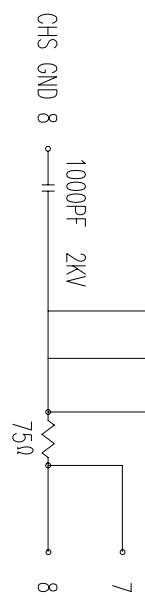
MATERIAL:
HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
 2) GLASS FILLED PA46/PA6T/PA9T/LCP (UL 94V-0)
 3) GLASS FILLED PBT/PA/ABS/PC (UL 94V-0)

SPRING WIRE: 0.25-0.35mm THICKNESS(50-80 μ) PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL
SHIELDING: 0.2-0.24mm THICKNESS(50-80 μ) COPPER ALLOY WITH TIN PLATED

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

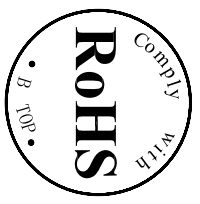
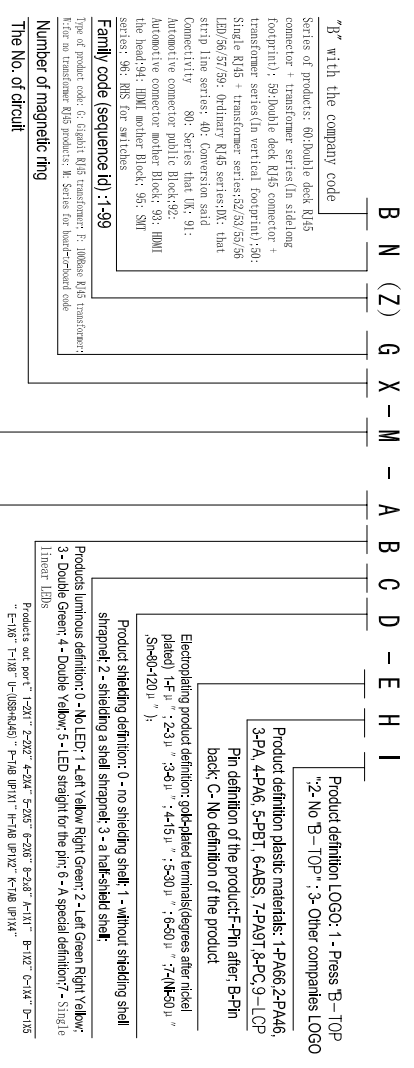
Storage: -40 \pm 85 \pm v Relative Humidity<70%
Operating: 0 \pm 70 \pm v

TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-10 \pm 0.2, 10-20 \pm 0.25, 20-40 \pm 0.340-70 \pm 0.35, >70 \pm 0.4.



ELECTRICAL SPECIFICATIONS AT 25^oC

Insertion Loss dB max	Return Loss dB min	Crosstalk (db TYP)	Common Mode Rejection (db TYP)	Hypot(Vrms)
1-125MHz	1-30MHz	1-100MHz	1-100MHz	1500/0.5mA OR 2250C/0.1mA
-1.2	-18	-18+20log(f/30MHz)	-30	



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FIRST ANGLE PROJECTION		TEL: 0769-38926198	Designed	MATERIAL	SCALE 1.8:1	UNIT mm	MODEL NO.	REV.
		FAX: 0769-38926199	Checked					
		www.BroadTop.com	Approved				B80010000311	
		Website: www.BroadTop.com						

BT F4-03A