DESCRIPTION

ELECTRICAL: 405S With internal Magnetics Connector
Designated 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 solder temperature rating 235°C
High performance for maximum EMI suppression
350uH minimum QCL 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 Min

MATERIAL: HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)
2) GLASS FILLED PA46/PA66/PA9T/CP (UL 94V-0)
3) GLASS FILLED PBT/PA/ABS/PC (UL 94V-0)
SPRING WIRE: 0.25—0.35mm THICKNESS (0Ω—80Ω) PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL
SHELDING: 0.2—0.24mm THICKNESS (0Ω—80Ω) COPPER ALLOY WITH TIN PLATED

GOLD PLATING: 3u, 6u, 15u, 30u, 50u
Storage: -40° to +85°C Relative Humidity<70%
Operating: -40° to +85°C

ELECTRICAL SPECIFICATIONS AT 25°C

<table>
<thead>
<tr>
<th>Insertion Loss dBmax</th>
<th>Return Loss dB min</th>
<th>Crosstalk(dB Typ)</th>
<th>Common Mode Rejection (dB Typ)</th>
<th>Hpi(±rms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25 MHz</td>
<td>1—30 MHz</td>
<td>30—80 MHz</td>
<td>1—100 MHz</td>
<td>1—1000 MHz</td>
</tr>
</tbody>
</table>

"B" with the company code

Printed circuit board: Double side 0402 connector + transformer multiple in/out, multi-pin (12) Double side 0402 connector + transformer multiple in/out, single pin (0.4) + transformer multiple 0805/0603 + LED (1003/0805/1206/1210) + relay (0603/0805/1206/1210)
Connections: 405S Insertion force 900g, 1000g Retention strength 7.7Kgs between jack and plug
Number of pin grid package: 24
Number of high gang package: 20
Number of Low gang package: 12
Number of content packaging: 8

The No. of circuit

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

Designed: 0789-38292198
Checked: 0789-38292199
Approved: www.btoptech.com

MATERIAL: BT C8-28B(-40° to +85°C)

Model No.: B8020002811

Approvel: 1.8:1 1:1 mm REV.