



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

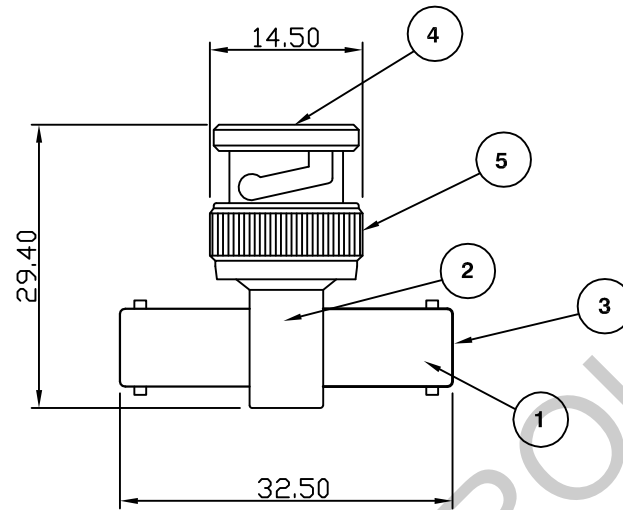
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



RoHS COMPLIANT



Electrical Characteristics

| | |
|-------------------------------------|-----------------------------|
| Nominal Impedance: | 50 ohms |
| Frequency Range: | DC to 4 GHz |
| VSWR | 1.35:1 |
| Insertion Loss | 0.2dB @ 3GHz |
| RF Leakage: | -55dB min @ 3GHz |
| Power | 0.25 Watts |
| Operating Voltage (rms): | 500 V maximum at sea level |
| Dielectric Withstand Voltage (rms): | 1500 V maximum at sea level |
| Contact Resistance: | 1.5 milliohms maximum |

Mechanical Characteristics

| | |
|-----------------------|------------------------|
| Mating Cycles: | 500 cycles minimum |
| Interface Dimensions: | Conform to MIL-C-39012 |

Environmental Characteristics

| | |
|--------------------|------------------|
| Temperature Range: | -55 °C to +85 °C |
|--------------------|------------------|

| PART | DESCRIPTION |
|------|---|
| 1 | Body Brass, nickel plated 1.78 µm minimum |
| 2 | Resistor 50 Ohm 1/4 Watt |
| 3 | Contact Brass, gold plated 0.076 µm - 0.127 µm |
| 4 | Dielectric Delrin |
| 5 | Shell Brass, nickel plated 1.78 µm minimum |

| | | | |
|-------------------------|-------|-----|-----------|
| CAD Issue | BT | 1 | 18 Apr 07 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE |



Cinch Connectivity Solutions
7-13 Russel Way,
Widford Industrial Estate,
Chelmsford, Essex,
CM1 3AA, UK.
Tel: +44 (0) 1245 359515
Fax: +44 (0) 1245 358938

| | | |
|---|--------------|------------|
| SCALE: Not To Scale | DRAWN BY: | B Thomas |
| DIMENSIONS: mm | CHECKED BY: | R Presland |
| TOLERANCES: ± 0.2mm unless otherwise stated | APPROVED BY: | M Spooner |
| | DATE: | 18 Apr 07 |

TITLE:
**BNC 50 Ohm
Auto Terminator 1/4 W**

PART NUMBER:
VBT109

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