



Electrical Characteristics

Nominal Impedance: 50 ohms
 Frequency Range: DC to 1 GHz
 Operating Voltage (rms): 500 V maximum at sea level
 Dielectric Withstand Voltage (rms): 1500 V maximum at sea level
 Contact Resistance: 3.0 milliohms maximum
 Insulation Resistance: 5000 megohms minimum

Mechanical Characteristics

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

Environmental Characteristics

Temperature Range: -65 °C to +165 °C

PART	DESCRIPTION
1	Body Zinc Alloy, nickel plated
2	Dielectric Polypropylene UL 94HB
3	Female Contact Copper, gold plated
4	Male Contact Brass, gold plated

CAD Issue	SN	2	16 Aug 02
First Issue	BM	1	03 Jun 93
DESCRIPTION OF REVISION	APPVD	ISS	DATE

PART NUMBER:

VBA111

PAGE: 1 of 1

DRAWN BY:

S Nash

CHECKED BY:

P Couzens

APPROVED BY:

P Couzens

DATE:

16 Aug 02

SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:
 ± 0.2mm unless
 otherwise stated

Connectivity Solutions

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



EMERSON
 Network Power

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cinch Connectivity Solutions:](#)

[VBA111](#)