



Recommended PCB Layout

Panel Cutout

**Electrical Characteristics**

Nominal Impedance: 75 ohms  
 Frequency Range: DC to 1 GHz  
 VSWR: 1.3:1 maximum  
 Insertion Loss: 0.2 dB at 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: 500 megohms minimum

**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 Zinc Alloy, nickel plated
2	Dielectric Polypropylene, UL94V-0
3	Contact Phosphor Bronze, gold plated
4	Ground Contact Copper Clad Steel, tin plated
5	Captive Leg Phosphor Bronze, tin plated >5 microns

PCB layout changed	MS	4	22 Feb 08
Profile of board lock changed	MS	3	14 Feb 08
CAD Issue	PDC	2	26 Mar 02
First Issue	CBB	1	25 Jan 96
DESCRIPTION OF REVISION	APPVD	ISS	DATE

SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
 ± 0.2mm unless  
 otherwise stated

DRAWN BY:

P Couzens

CHECKED BY:

P Couzens

APPROVED BY:

S Nash

DATE:

26 Mar 02

TITLE:

Low Profile BNC Shielded  
 Right Angle PCB Mount Jack

PART NUMBER:

**VBM211C-75**

PAGE: 1 of 1



**EMERSON**  
 Network Power  
 Connectivity Solutions  
 7-13 Russel Way,  
 Welford Industrial Estate,  
 Chelmsford, Essex,  
 CM1 3AA, UK.  
 Tel: +44 (0) 1245 359515  
 Fax: +44 (0) 1245 359938

# Mouser Electronics

Authorized Distributor

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

[Cinch Connectivity Solutions:](#)

[VBM211C-75](#)