



RECOMMENDED PCB LAYOUT

RECOMMENDED PANEL CUTOUT

Electrical Characteristics	
Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
Operating Voltage (rms):	500 V maximum at sea level
Dielectric Withstand Voltage (rms):	1000 V maximum at sea level
Contact Resistance:	3.0 milliohms maximum
Insulation Resistance:	5000 megohms minimum
Current Rating:	3 Amps maximum
Mechanical Characteristics	
Mating Cycles:	100 cycles minimum
Interface Dimensions:	Conform to MIL-C-39012
Environmental Characteristics	
Temperature Range:	-55 °C to +85 °C

DESCRIPTION	MATERIAL	PLATING
1 Shell	Zinc alloy	Nickel
2 Insulator	Polypropylene	
3 Socket contact	Phosphor	Gold
4 Lock Washer	Brass	Nickel
5 Hex Nut	Brass	Nickel

DESCRIPTION OF REVISION	APPVD	ISS	DATE
CAD Issue	SN	2	9 Jan 03
First Issue	AT	1	29 Nov 96

EMERSON
Network Power

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: S Nash
DIMENSIONS: mm	CHECKED BY: P Couzens
TOLERANCES: ± 0.2mm unless otherwise stated	APPROVED BY: P Couzens
DATE: 09 Jan 03	

TITLE: Shielded TNC PCB Mount R/A Jack	PART NUMBER: VTM511
PAGE: 1 of 1	

Mouser Electronics

Authorized Distributor

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

[Cinch Connectivity Solutions:](#)

[VTM511](#)