



**Electrical Characteristics**

Nominal Impedance:	50 ohms
Frequency Range:	DC to 11 GHz
VSWR:	1.35:1 maximum
Insertion Loss:	0.17 dB max
Operating Voltage (rms):	1500 V maximum at sea level
Dielectric Withstand Voltage (rms):	2500 V maximum at sea level
Contact Resistance:	1.0 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
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	PART	DESCRIPTION
1	Body	Brass, nickel plated
2	Ferrule	Brass, nickel plated
3	Contact	Brass, gold plated
4	Dielectric	PTFE

Dimensional Changes	SN	3	22 Apr 02
Up Issue	SN	2	28 Mar 02
First Issue	SN	1	14 Aug 01
DESCRIPTION OF REVISION	APPVD	ISS	DATE

**For stripping and assembly instructions see Drawing Number: VAIN3101**



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
 ± 0.2mm unless  
 otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

R Drenan

APPROVED BY:

P D Couzens

DATE:

22 Apr 02

TITLE:

N Crimp Jack for RG59

PART NUMBER:

**VN30-2031**

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