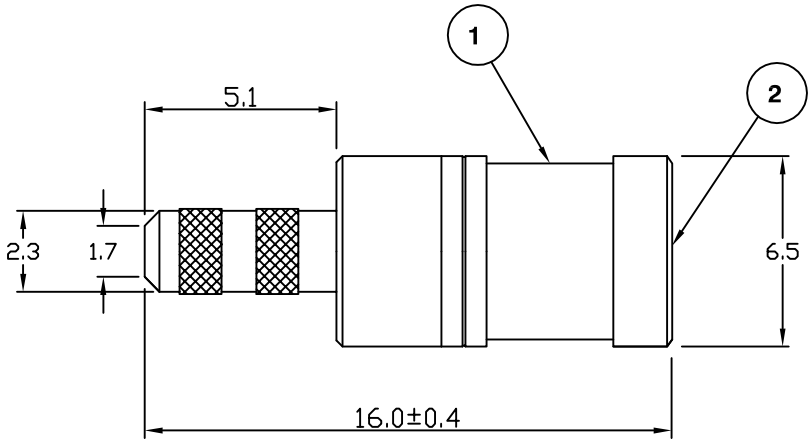
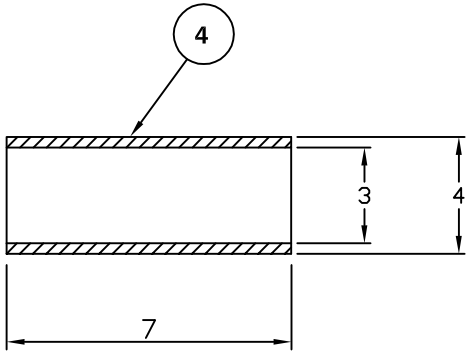
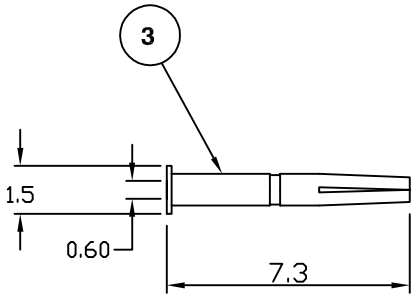
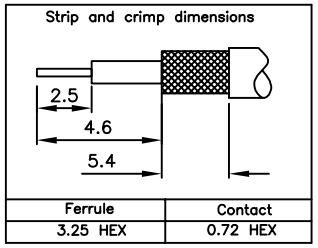
RoHS COMPLIANT









For stripping and assembly instuctions see Drawing Number: VAIM1103

Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4 GHz
VSWR:	1.25+0.04f
Insertion Loss:	0.3 dB at 1.5 GHz
Operating Voltage (rms):	335 V maximum at sea level
Dielectric Withstand Voltage (rms):	1000 V maximum at sea level
Contact Resistance:	3.0 milliohms maximum
Insulation Resistance:	1000 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	Brass, gold plated
2	Dielectric	PTFE
3	Contact	Brass, gold plated
4	Ferrule	Brass, gold plated

DESCRIPTION OF REVISION	APPVD	ISS	DATE
Dimension Update	JC	3	13 May 15
Profile Change	LB	2	20 Feb 09
First Issue	RP	1	30 Mar 07

cinch CONNECTIVITY SOLUTIONS a bel group

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SCALE: Not To Scale	
DIMENSIONS: mm	
TOLERANCES: ± 0.2mm unless otherwise stated	
DRAWN BY:	R Presland
CHECKED BY:	M Spooner
APPROVED BY:	M Spooner
DATE:	30 Mar 07

TITLE:

SMB Straight Plug (Female) for RG174/U

PART NUMBER:

VMB10-2071

PAGE: 1 of 1

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