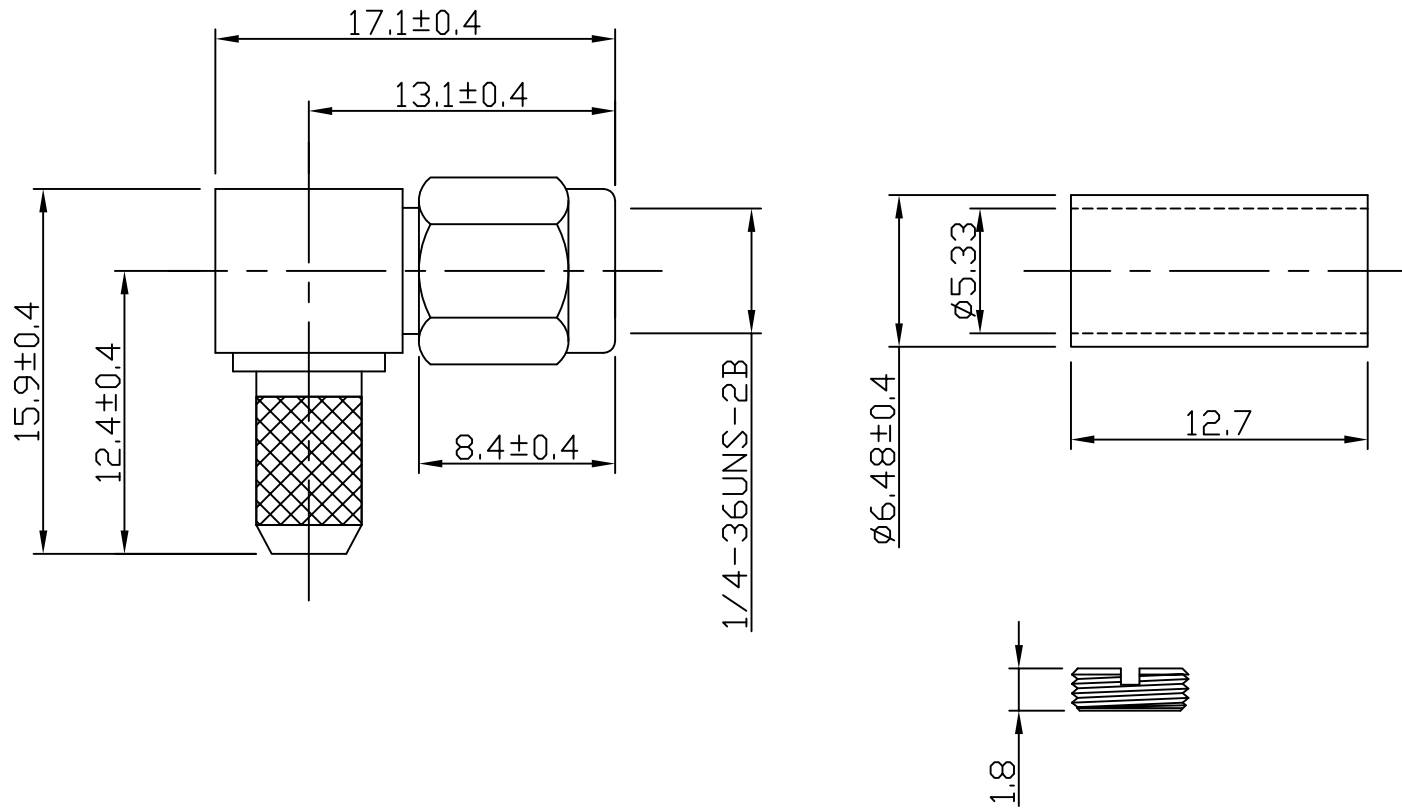


RoHS COMPLIANT



Electrical Characteristics

Nominal Impedance:	50 ohms
Frequency Range:	DC to 12.4 GHz
VSWR:	1.3:1 maximum
Insertion Loss:	0.2 dB at 6 GHz
Operating Voltage (rms):	500 V maximum at sea level
Dielectric Withstand Voltage (rms):	1000 V maximum at sea level
Contact Resistance:	2.0 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	Insulator	PTFE
3	Contact	Brass, gold plated
4	Cap	Brass, nickel plated
5	Gasket	Silicone, red

First Issue	SN	1	10 Jul 02
DESCRIPTION OF REVISION	APPVD	ISS	DATE

For stripping and assembly instructions see Drawing Number: VAIS2101



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SCALE: Not To Scale
DIMENSIONS: mm
TOLERANCES:
± 0.2mm unless
otherwise stated

DRAWN BY:	S Nash
CHECKED BY:	
APPROVED BY:	
DATE:	10 Jul 02

TITLE:
SMA R/A Crimp Plug for RG58

PART NUMBER:
VS20-2051

PAGE: 1 of 1