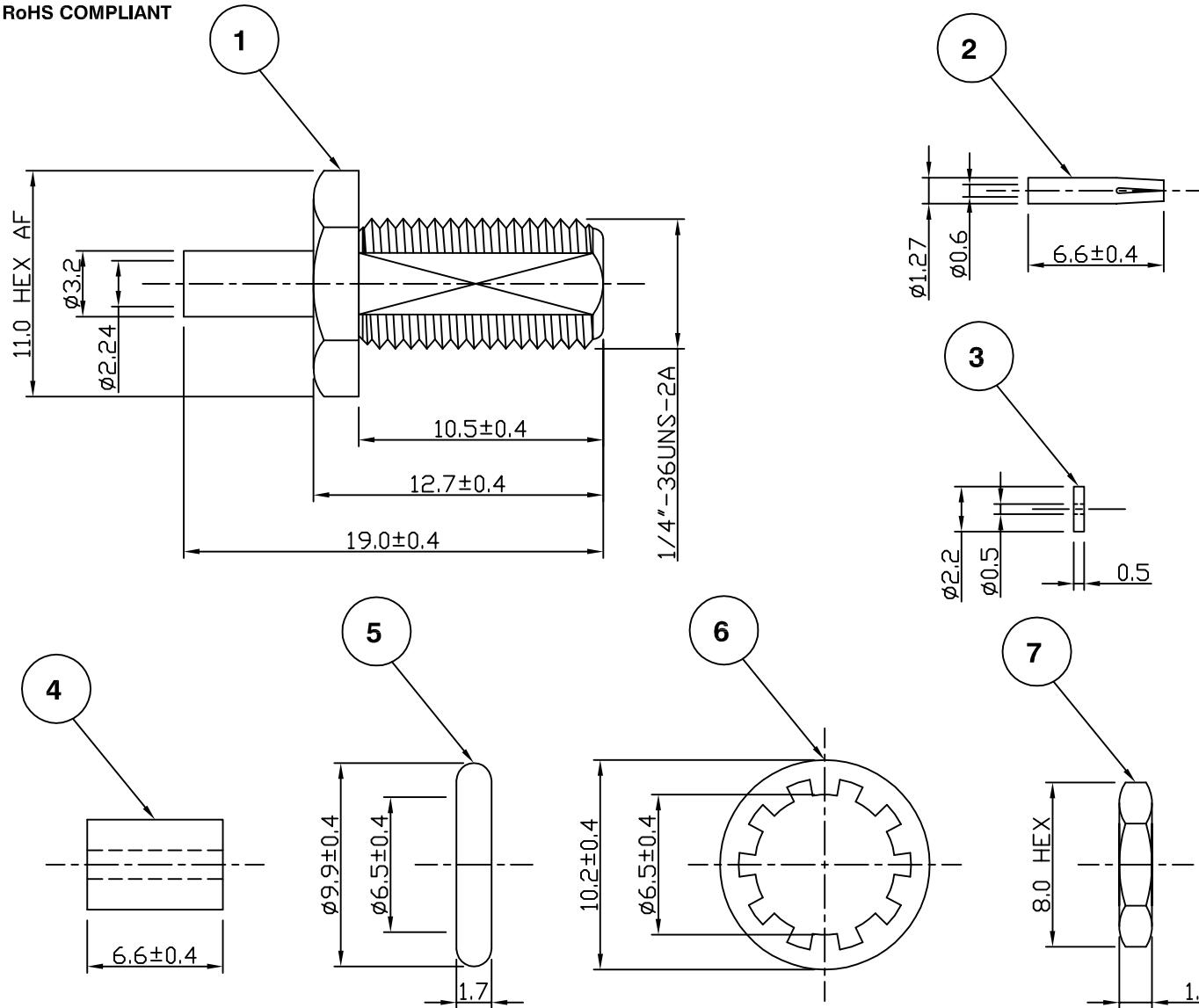


RoHS COMPLIANT



**Electrical Characteristics**

Nominal Impedance:	50 ohms
Frequency Range:	DC to 18 GHz
VSWR:	$1.07 + 0.008f$
Insertion Loss:	$0.6 \sqrt{\text{freq. GHz}}$ dB max Tested@6GHz
Operating Voltage (rms):	335 V maximum at sea level
Dielectric Withstand Voltage (rms):	750 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, gold plated
2	Contact	Beryllium Copper, gold plated
3	Insulator	PTFE
4	Dielectric	PTFE
5	Gasket	Silicone, red
6	Washer	Brass, gold plated
7	Nut	Brass, gold plated

For stripping and assembly instructions see Drawing Number: VAIS4401

First Issue	SN	1	18 Sep 02
DESCRIPTION OF REVISION	APPVD	ISS	DATE



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Fax: +44 (0) 1245 358938

SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
 $\pm 0.2\text{mm}$  unless  
otherwise stated

DRAWN BY:

S Nash

CHECKED BY:

P Couzens

APPROVED BY:

P Couzens

DATE:

17 Sep 02

TITLE:

SMA Bulkhead Jack for  
RG405

PART NUMBER:

**VS40-2085**

PAGE: 1 of 1