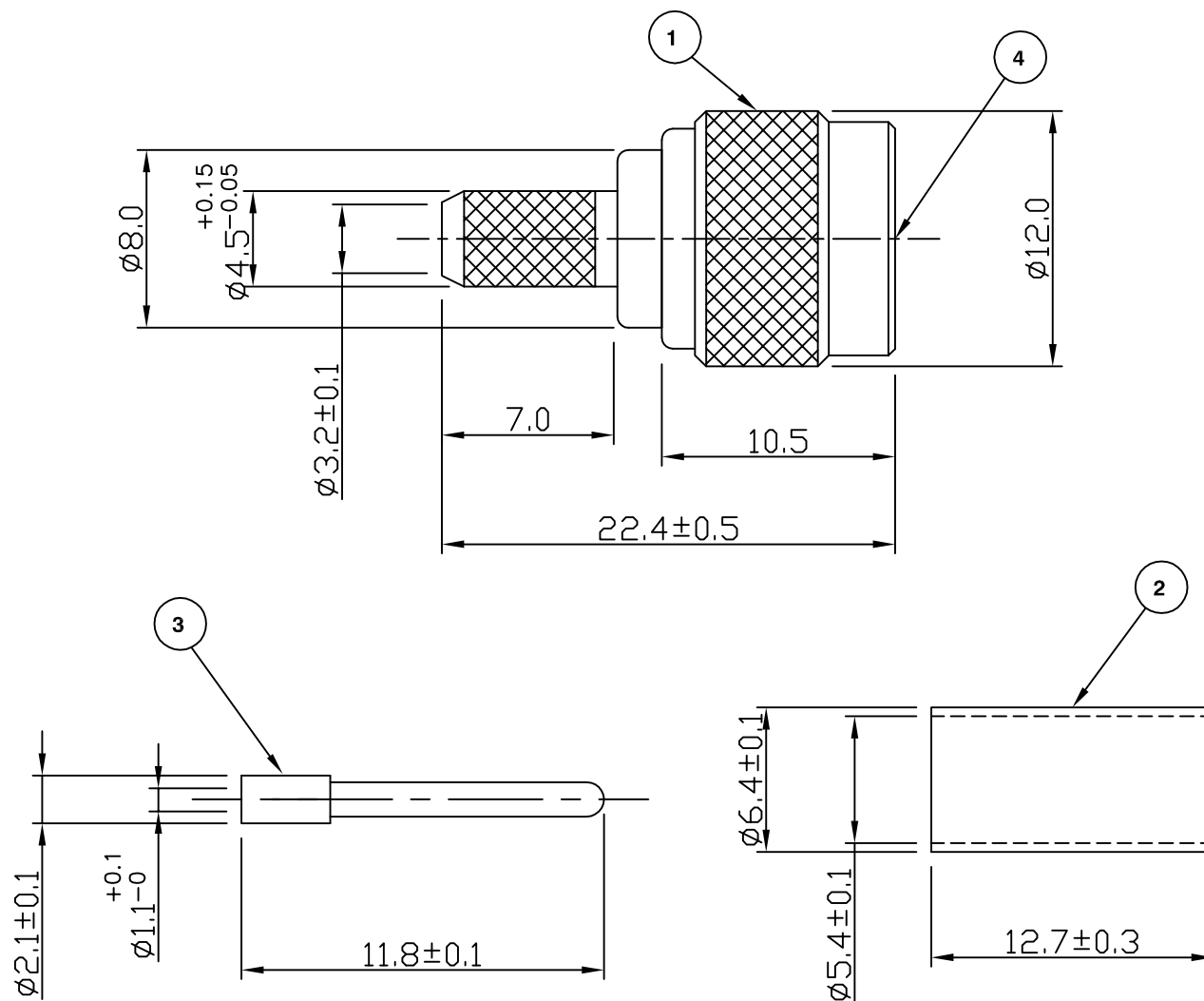


RoHS COMPLIANT



For stripping and assembly instructions see Drawing Number: VAIU1101

### Electrical Characteristics

|                                     |                             |
|-------------------------------------|-----------------------------|
| Nominal Impedance:                  | 50 ohms                     |
| Frequency Range:                    | DC to 2.5 GHz               |
| VSWR:                               | 1.25:1 maximum              |
| Insertion Loss:                     | 0.2 dB at 3 GHz             |
| Operating Voltage (rms):            | 335 V maximum at sea level  |
| Dielectric Withstand Voltage (rms): | 1500 V maximum at sea level |
| Contact Resistance:                 | 1.5 milliohms maximum       |
| Insulation Resistance:              | 5000 megohms minimum        |

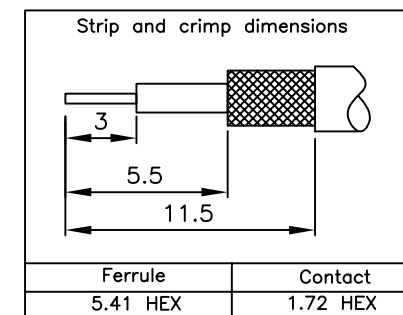
### Mechanical Characteristics

|                       |                        |
|-----------------------|------------------------|
| Mating Cycles:        | 500 cycles minimum     |
| Interface Dimensions: | Conform to MIL-C-39012 |

### Environmental Characteristics

|                    |                |
|--------------------|----------------|
| Temperature Range: | -55°C to +85°C |
|--------------------|----------------|

|   | PART       | DESCRIPTION                            |
|---|------------|--|
| 1 | Body       | Brass, nickel plated 2.54 µm           |
| 2 | Ferrule    | Brass, nickel plated 2.54 µm           |
| 3 | Contact    | Brass, gold plated 0.076 µm - 0.127 µm |
| 4 | Dielectric | POM                                    |



|                         |       |     |           |
|-------------------------|-------|-----|-----------|
| CAD Issue               | PDC   | 2   | 17 May 02 |
| First Issue             | AT    | 1   | 24 Aug 95 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE      |



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
± 0.2mm unless  
otherwise stated

DRAWN BY:

P D couzens

CHECKED BY:

P D couzens

APPROVED BY:

S Nash

DATE:

17 May 02

TITLE:

Mini UHF Crimp Plug for RG58

PART NUMBER:

VMU10-2051

PAGE: 1 of 1

# Mouser Electronics

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