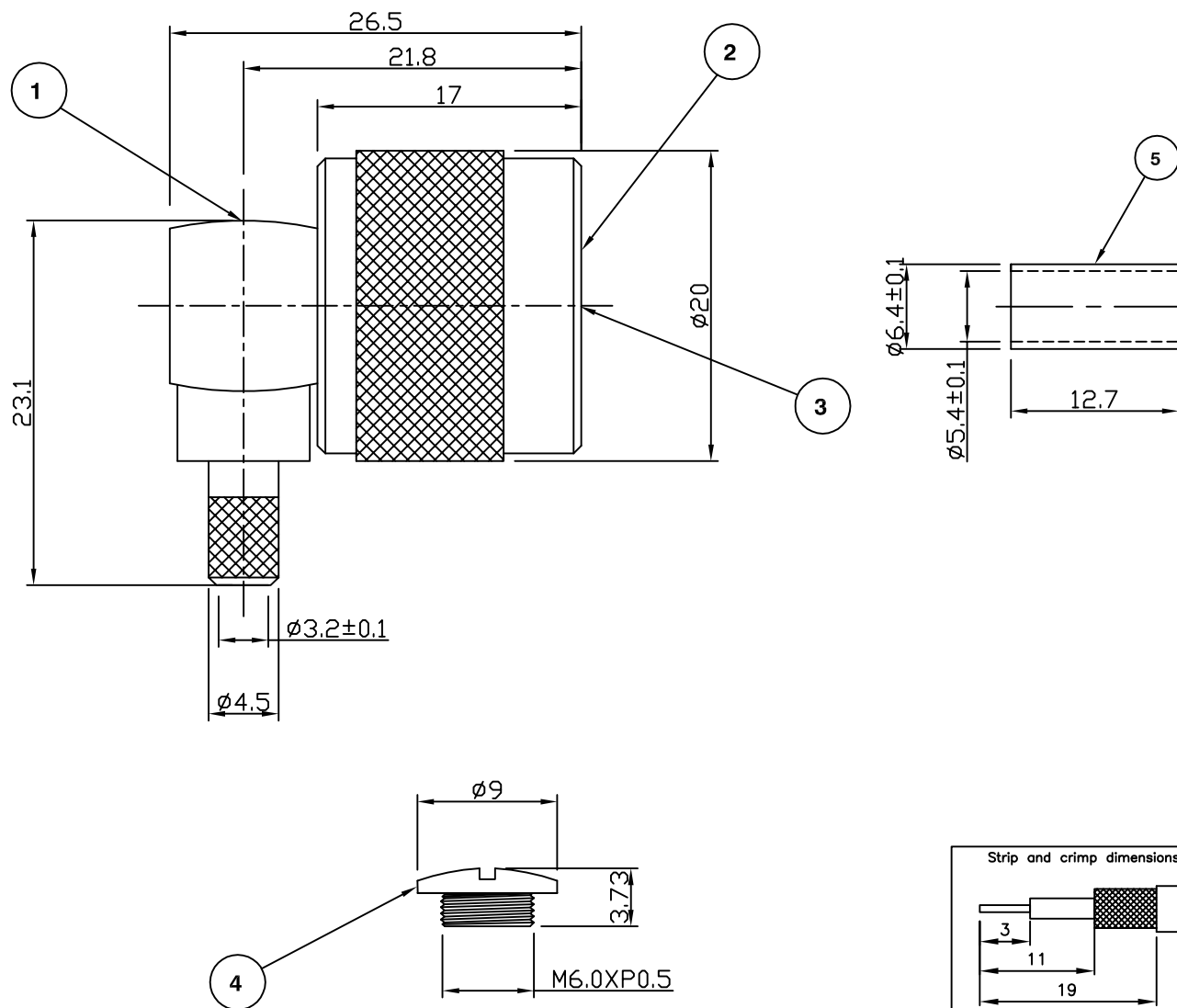


RoHS COMPLIANT



## Electrical Characteristics

|                                     |                             |
|-------------------------------------|-----------------------------|
| Nominal Impedance:                  | 50 ohms                     |
| Frequency Range:                    | DC to 4 GHz                 |
| VSWR:                               | 1.35:1 maximum              |
| Insertion Loss:                     | 0.3 dB at 4 GHz             |
| Operating Voltage (rms):            | 1000 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: | -55 °C to +165 °C |
|--------------------|-------------------|

| PART | DESCRIPTION |
|------|-------------|
| 1    | Body        |
| 2    | Dielectric  |
| 3    | Contact     |
| 4    | Cap         |
| 5    | Ferrule     |

|                         |       |     |           |
|-------------------------|-------|-----|-----------|
| First Issue             | BT    | 1   | 31 Jul 08 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE      |

For stripping and assembly instructions see Drawing Number: VAIN2102



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
± 0.2mm unless  
otherwise stated

DRAWN BY:

B.Thomas

CHECKED BY:

M.Spooner

APPROVED BY:

M Spooner

DATE:

31 Jul 08

TITLE:

N Right Angle Crimp Plug for  
RG58

PART NUMBER:

**VN20-2051**

PAGE: 1 of 1

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