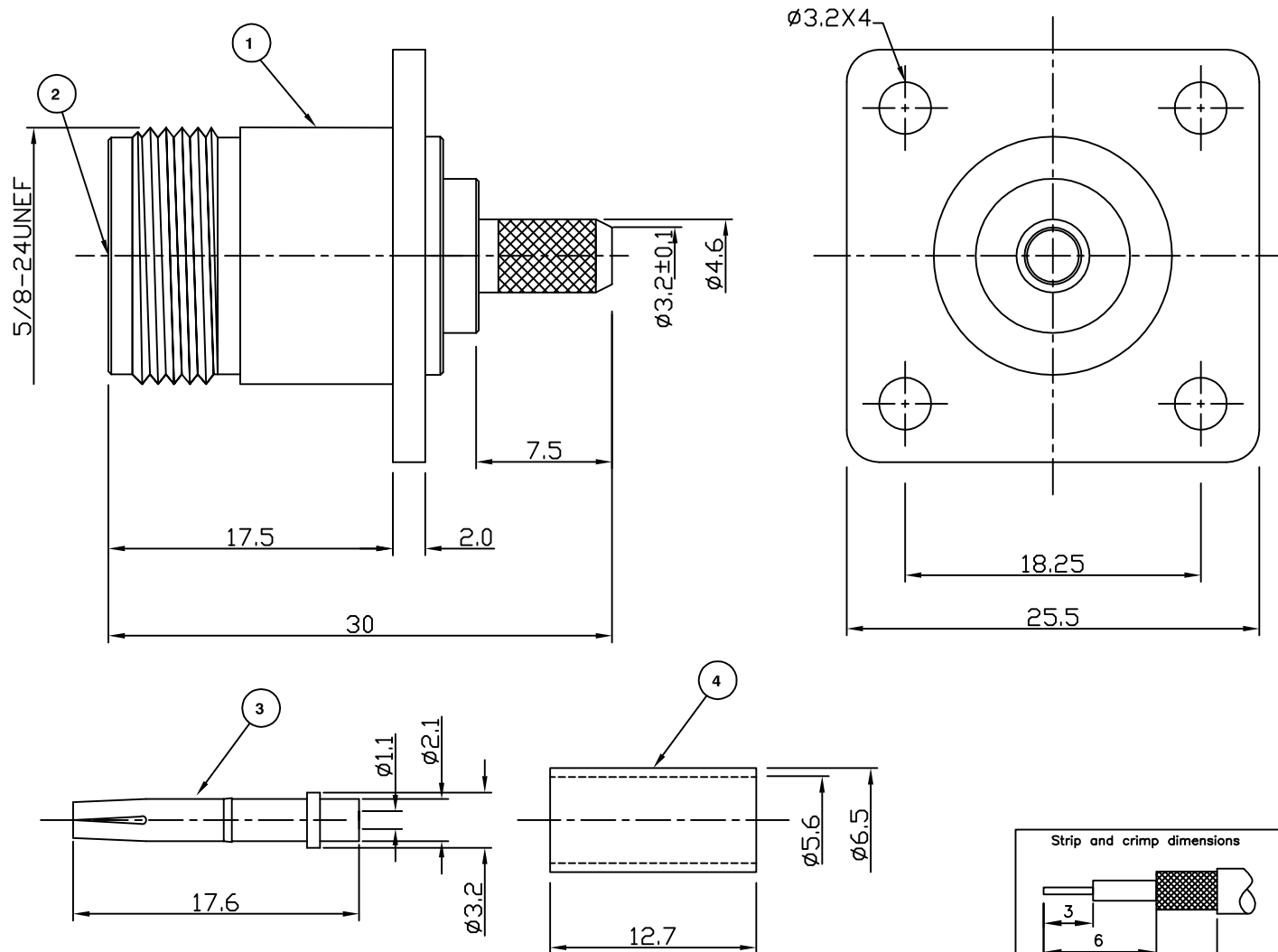


RoHS COMPLIANT



## Electrical Characteristics

|                                     |                             |
|-------------------------------------|-----------------------------|
| Nominal Impedance:                  | 50 ohms                     |
| Frequency Range:                    | DC to 11 GHz                |
| VSWR:                               | 1.35:1 maximum              |
| Insertion Loss:                     | 0.17dB max                  |
| Operating Voltage (rms):            | 1500 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: | -65 °C to +165 °C |
|--------------------|-------------------|

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

|                         |       |     |           |
|-------------------------|-------|-----|-----------|
| Address & RoHS Update   | JT    | 4   | 25 Mar 10 |
| Up Issued               | MS    | 3   | 17 Jul 07 |
| Up Issued               | SN    | 2   | 10 Mar 04 |
| First Issue             | SN    | 1   | 15 Aug 02 |
| DESCRIPTION OF REVISION | APPVD | ISS | DATE      |

For stripping and assembly instructions see Drawing Number: VAIN5101



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SCALE: Not To Scale

DIMENSIONS: mm

TOLERANCES:  
± 0.2mm unless  
otherwise stated

DRAWN BY:

M Spooner

CHECKED BY:

B. Thomas

APPROVED BY:

M Spooner

DATE:

17 Jul 07

TITLE:

N Crimp Flange Mount  
Jack for RG58

PART NUMBER:

**VN50-2051**

PAGE: 1 of 1