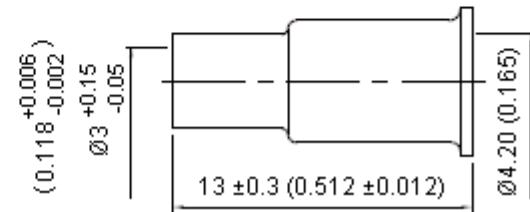
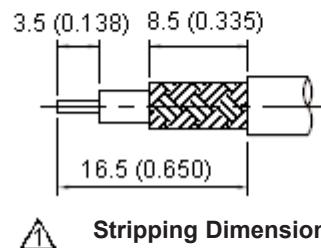
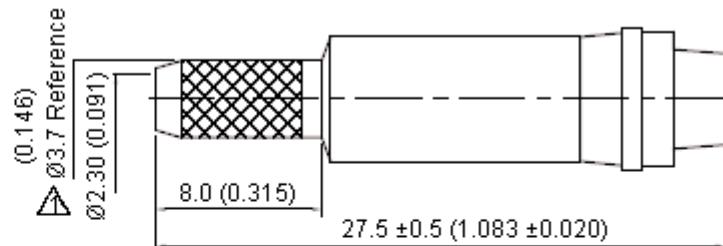
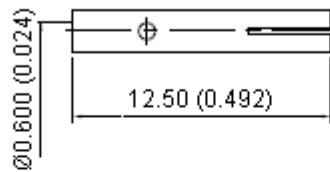
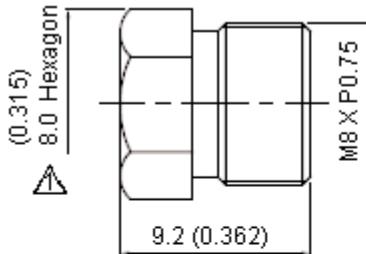


| PART NO. | R23-002-05-030111000 | REVISIONS |     |             |  |       |          |        |          |         |          |
|----------|----------------------|-----------|-----|-------------|--|-------|----------|--------|----------|---------|----------|
|          |                      | ECN #     | REV | DESCRIPTION |  | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|          |                      | -         | A   | RELEASED    |  | Veena | 25/11/10 | Jagan  | 25/11/10 | Farnell | 09/12/10 |
|          |                      |           |     |             |  |       |          |        |          |         |          |



Dimensions : Millimetres (Inches)

## Specifications:

### Electrical:

Frequency range : DC-1.8 GHz.  
Nominal impedance : 50Ω.

### Materials:

Bodies : Brass per JIS-C3604.  
Centre contact : Brass per JIS-C3604.  
Crimp ferrule : Brass per JIS-C2700.



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| TOLERANCES:<br><br>UNLESS OTHERWISE<br>SPECIFIED,<br>DIMENSIONS ARE<br>FOR REFERENCE<br>PURPOSES ONLY. | DRAWN BY:    |  | DATE:    | DRAWING TITLE:             |  |  |               |
|--|--------------|--|----------|----------------------------|--|--|---------------|
|  | Veena        |  | 25/11/10 | Connector, FME JACK - 174U |  |  |               |
|  | CHECKED BY:  |  | DATE:    |                            |  |  |               |
|  | Jagan        |  | 25/11/10 |                            |  |  |               |
|  | APPROVED BY: |  | DATE:    |                            |  |  |               |
|  | Farnell      |  | 09/12/10 |                            |  |  |               |
|  | SCALE: NTS   |  |          | U.O.M.: mm (Inches)        |  |  | REV A         |
|  |              |  |          |                            |  |  | SHEET: 1 OF 2 |
|  |              |  |          |                            |  |  |               |
|  |              |  |          |                            |  |  |               |



PART NO.

R23-002-05-030111000

REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE     | CHECKD | DATE     | APPRVD  | DATE     |
|-------|-----|-------------|-------|----------|--------|----------|---------|----------|
| -     | A   | RELEASED    | Veena | 25/11/10 | Jagan  | 25/11/10 | Farnell | 09/12/10 |
|       |     |             |       |          |        |          |         |          |

**Specifications:**

**Finishes and others:**

See below table for details.

**Mechanical:**

For use with RG174U or similar style cable.

Cable attachment : Outer : Crimp.  
: Inner : Crimp/solder.

Minimum cable retention : 15 lbs.  
Crimp size required : Contact : Solder/1.8 (0.071) hexagon crimp tool.  
: Ferrule : 3.9 (0.154) hexagon crimp tool  
: 4.6 (0.181) hexagon crimp tool.

**Environmental:**

Operating temperature range : -40°C to +60°C.

**Specification Table**

| Item | Description    | Material | Finish                          | Part Number          |
|------|----------------|----------|---------------------------------|----------------------|
| 1    | Body           | Brass    | Minimum Nickel 100 $\mu$ Inches | R23-002-05-030111000 |
| 2    | Insulation     | POM      | None                            |                      |
| 3    | Nut            | Brass    | Minimum Nickel 100 $\mu$ Inches |                      |
| 4    | Centre Contact |          | Gold                            |                      |
| 5    | Crimp Ferrule  |          | Nickel                          |                      |

<http://www.farnell.com>

<http://www.newark.com>

<http://www.cpc.co.uk>

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PURPOSES ONLY.

DRAWN BY:

Veena

DATE:

25/11/10

DRAWING TITLE:

Connector, FME JACK - 174U

CHECKED BY:

Jagan

DATE:

25/11/10

SIZE

A

DWG NO.

M10002489

ELECTRONIC FILE

CN PN# R23-002-05\_DWG

REV

A

APPROVED BY:

Farnell

DATE:

09/12/10

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 2 OF 2