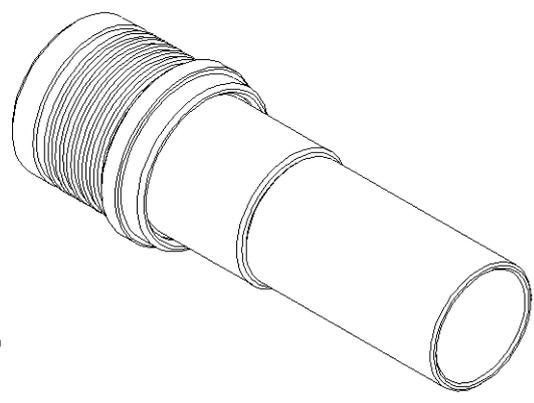
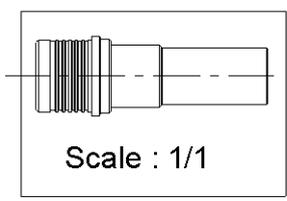
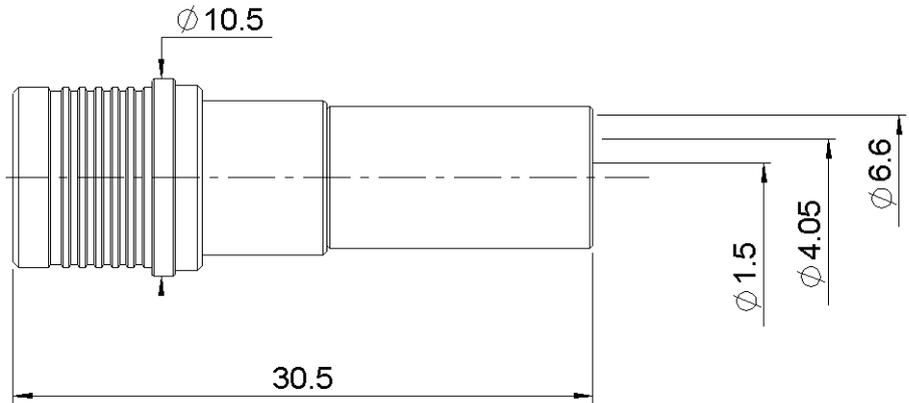
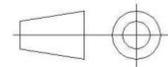


|          |                 |            |                        |
|----------|-----------------|------------|------------------------|
| PAGE 1/3 | ISSUE 15-05-15B | SERIES QMA | PART NUMBER R123076310 |
|----------|-----------------|------------|------------------------|



All dimensions are in mm.



| COMPONENTS     | MATERIALS     | PLATING (μm) |
|----------------|---------------|--------------|
| Body           | <b>BRASS</b>  | <b>BBR</b>   |
| Center contact | <b>BRASS</b>  | <b>NPGR</b>  |
| Outer contact  | <b>BRONZE</b> | <b>BBR</b>   |
| Insulator      | <b>PTFE</b>   |              |
| Gasket         | -             |              |
| Others parts   | <b>BRASS</b>  | <b>BBR</b>   |
| -              | -             | -            |
| -              | -             | -            |

|                 |                        |                   |                               |
|-----------------|------------------------|-------------------|-------------------------------|
| PAGE <b>2/3</b> | ISSUE <b>15-05-15B</b> | SERIES <b>QMA</b> | PART NUMBER <b>R123076310</b> |
|-----------------|------------------------|-------------------|-------------------------------|

### PACKAGING

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>100</b> | <b>Contact us</b> | <b>Contact us</b> |

### ELECTRICAL CHARACTERISTICS

|                                 |                       |                   |
|---------------------------------|-----------------------|-------------------|
| Impedance                       | <b>50</b>             | Ω                 |
| Frequency                       | <b>0-6</b>            | GHz               |
| VSWR                            | <b>1.12* + 0.0000</b> | x F(GHz) Maxi     |
| Insertion loss                  | <b>0.05</b>           | √F(GHz) dB Maxi   |
| RF leakage                      | <b>**80</b>           | - F(GHz)) dB Maxi |
| Voltage rating                  | <b>335</b>            | Veff Maxi         |
| Dielectric withstanding voltage | <b>1000</b>           | Veff mini         |
| Insulation resistance           | <b>5000</b>           | MΩ mini           |

### MECHANICAL CHARACTERISTICS

|                            |               |             |
|----------------------------|---------------|-------------|
| Center contact retention   |               |             |
| Axial force – Mating End   | <b>18</b>     | N mini      |
| Axial force – Opposite end | <b>18</b>     | N mini      |
| Torque                     | <b>NA</b>     | N.cm mini   |
| Recommended torque         |               |             |
| Mating                     | <b>NA</b>     | N.cm        |
| Panel nut                  | <b>NA</b>     | N.cm        |
| Clamp nut                  | <b>NA</b>     | N.cm        |
| A/F clamp nut              | <b>0.0000</b> | mm          |
| Mating life                | <b>100</b>    | Cycles mini |
| Weight                     | <b>7.3700</b> | g           |

### ENVIRONMENTAL

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-40/+105</b> | °C        |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s |
| Panel leakage         | <b>NA</b>       |           |

### SPECIFICATION

### CABLE ASSEMBLY

| Stripping | a          | b         | c         | d        | e           | f        |
|-----------|------------|-----------|-----------|----------|-------------|----------|
| mm        | <b>4.2</b> | <b>10</b> | <b>15</b> | <b>0</b> | <b>10.8</b> | <b>0</b> |

Assembly instruction: **SEE PAGE 3**

Recommended cable(s)  
**KSR240**  
**LMR 240**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

|            |            |        |
|------------|------------|--------|
| - pull off | <b>220</b> | N mini |
| - torque   | <b>NA</b>  | N.cm   |

### TOOLING

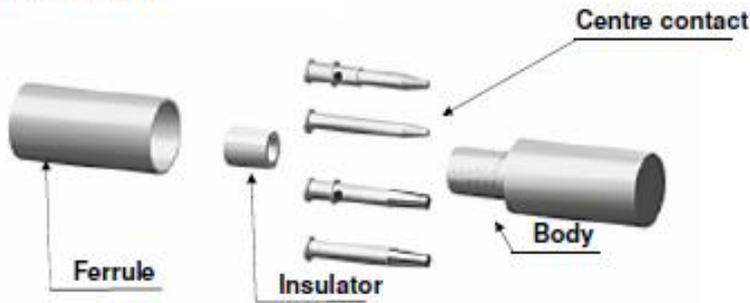
| Part Number | Description               | Hexagon |
|-------------|---------------------------|---------|
| R282223000  | CRIMPING TOOL             |         |
| R282235013  | CRIMPING DIES             |         |
| R282293000  | CRIMPING TOOL M22520/5-01 |         |

### OTHER CHARACTERISTICS

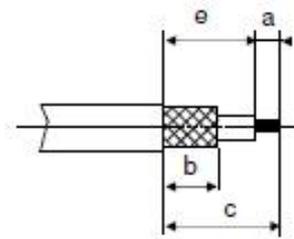
**\*VSWR: 1.12 max@0-3GHz, 1.2 max@3-6GHz**  
**\*\*RF: leakage(interf.): 3<F<6GHz: <-70dB**

|          |                 |            |                        |
|----------|-----------------|------------|------------------------|
| PAGE 3/3 | ISSUE 15-05-15B | SERIES QMA | PART NUMBER R123076310 |
|----------|-----------------|------------|------------------------|

**COMPONENTS**



**STRIPPING DIMENSIONS**



- 1**

Slide the ferrule onto the cable. Strip the cable.
- 2**

Fan the braid. Slide the insulator on the cable centre contact until it bottoms against the cable dielectric.
- 3**

Slide on the centre contact until it bottoms against the additional insulator. Solder the centre contact with crimping tool. Clean solder area if necessary.
- 4**

Slide cable into body until it bottoms against insulator.
- 5**

Slide the ferrule over the braid.
- 6**

Crimp the ferrule with crimping tool ( see connector TDS ). Cut the excess of braid if necessary.