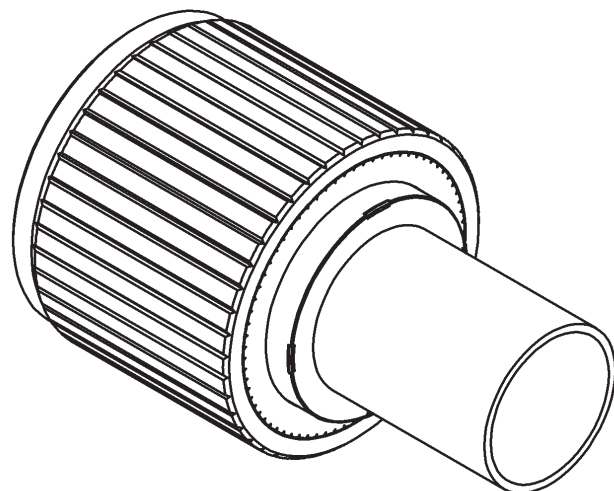
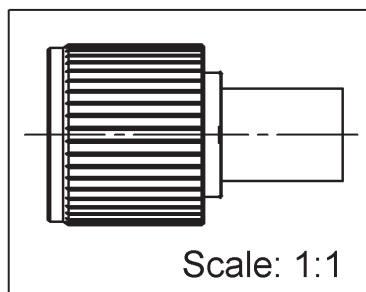
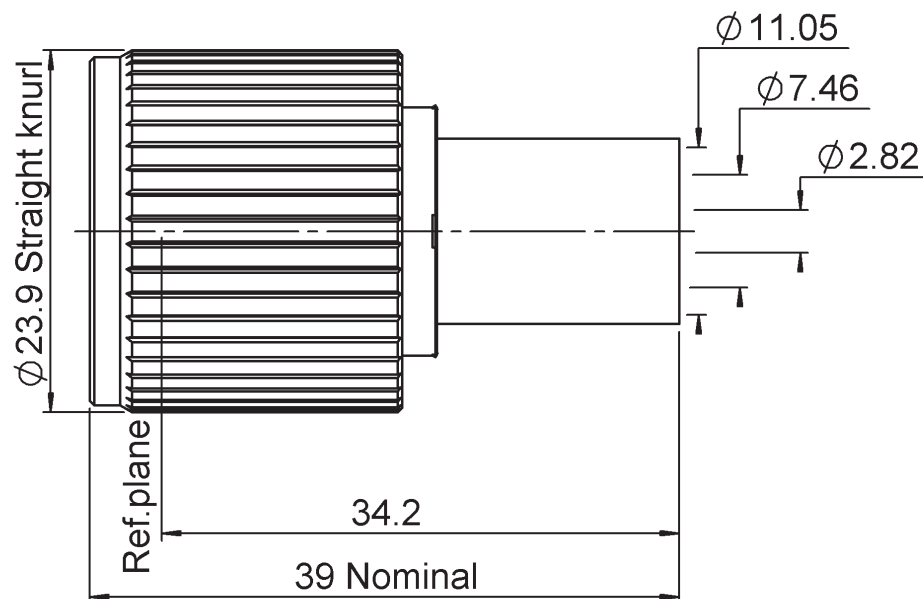


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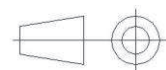
ISSUE 1316A

SERIES QLI

PART NUMBER **R184086007**



All dimensions are in mm.



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

|                 |                    |                   |                               |
|-----------------|--------------------|-------------------|-------------------------------|
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|-----------------|--------------------|-------------------|-------------------------------|

## PACKAGING

| Standard  | Unit              | Other             |
|-----------|-------------------|-------------------|
| <b>50</b> | <b>Contact us</b> | <b>Contact us</b> |

## ELECTRICAL CHARACTERISTICS

|                                 |                     |                          |
|---------------------------------|---------------------|--------------------------|
| Impedance                       | <b>50</b>           | $\Omega$                 |
| Frequency                       | <b>0-6</b>          | GHz                      |
| VSWR                            | <b>1.04 + 0.020</b> | x F(GHz) Maxi            |
| Insertion loss                  | <b>0.05</b>         | $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | <b>NA</b>           | - F(GHz)) dB Maxi        |
| Voltage rating                  | <b>1400</b>         | Veff Maxi                |
| Dielectric withstanding voltage | <b>2500</b>         | Veff mini                |
| Insulation resistance           | <b>5000</b>         | M $\Omega$ mini          |

## MECHANICAL CHARACTERISTICS

|                            |               |             |
|----------------------------|---------------|-------------|
| Center contact retention   |               |             |
| Axial force – Mating End   | <b>50</b>     | N mini      |
| Axial force – Opposite end | <b>30</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>0.000</b>  | mm          |
| Mating life                | <b>100</b>    | Cycles mini |
| Weight                     | <b>49.444</b> | g           |

## ENVIRONMENTAL

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-55/+120</b> | °C        |
| Hermetic seal         |                 | Atm.cm3/s |
| Panel leakage         |                 |           |

## SPECIFICATION

## CABLE ASSEMBLY

| Stripping | a          | b          | c           | d        | e        | f        |
|-----------|------------|------------|-------------|----------|----------|----------|
| mm        | <b>5.5</b> | <b>8.6</b> | <b>14.5</b> | <b>0</b> | <b>9</b> | <b>0</b> |

Assembly instruction: **Crimp 01**

Recommended cable(s)

**LMR 400 FR**  
**LMR 400**  
**AEP-400FR**

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>300</b> | N mini |
| - torque   | <b>NA</b>  | N.cm   |

## TOOLING

| Part Number | Description               | Hexagon |
|-------------|---------------------------|---------|
| R282231000  | CRIMPING TOOL             | 10.54   |
| R282235116  | CRIMPING DIES             | 10.54   |
| R282293000  | CRIMPING TOOL M22520/5-01 |         |

## OTHER CHARACTERISTICS

**IP 67 for interface**