

# QSP44

## 4.3-10 to 4.3-10

Features:  
\* Broadband

Applications:  
\* Any Applications

### Electrical

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Frequency:                        | DC~3GHz                             |
| VSWR:                             | 1.2 max.                            |
| RF Power Transmission:            | 400W                                |
| Dielectric Withstanding Voltage:  | 2500V RMS, 50Hz, at sea level, min. |
| Working Voltage (DC):             | 230V* <sup>1</sup>                  |
| Lightning Surge Current:          | 10kA                                |
| Ground Wire Diameter:             | 4 mm <sup>2</sup> max.              |
| Impedance of Dielectric (Center): | 5000MΩ min.                         |
| Impedance of Contact (Center):    | 1mΩ max.                            |
| Impedance of Contact (Outer):     | 1mΩ max.                            |
| Impedance:                        | 50Ω                                 |

[1] Default 230V, available for 90V, 150V, 350V and 600V.

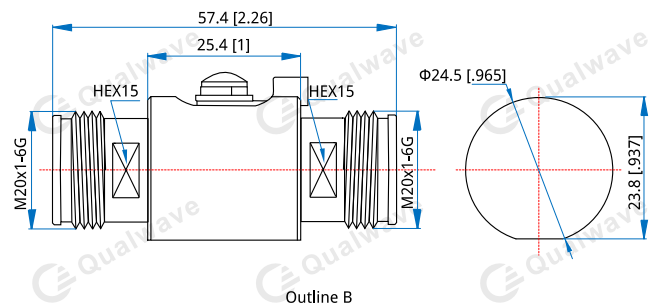
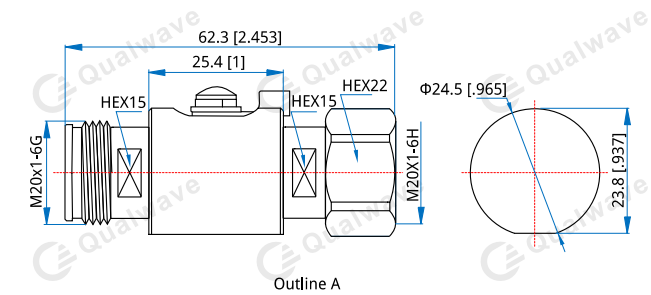
### Mechanical

|                    |                     |
|--------------------|---------------------|
| RF Connector:      | 4.3-10              |
| Mating Life Cycle: | 500 cycles min.     |
| Outer Conductor:   | Nickel plated brass |
| Dielectric:        | PTFE                |
| Inner Conductor:   | Gold plated brass   |

### Environmental

|              |            |
|--------------|------------|
| Temperature: | -45~+125°C |
|--------------|------------|

### Outline Drawings



Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

### How To Order

**QSP44-MF-03** - 4.3-10(m) to 4.3-10(f), DC~3GHz, Outline A

**QSP44-FF-03** - 4.3-10(f) to 4.3-10(f), DC~3GHz, Outline B

Customization is available upon request.