

## QBMTK1-2 100W

### Features:

- \* Low VSWR
- \* Broadband

### Applications:

- \* Transmitters
- \* Antennas
- \* Laboratory Test
- \* Impedance Matching

### Electrical

|                  |                                                   |
|------------------|---------------------------------------------------|
| Frequency Range: | 2.3~2.4GHz, 2.57~2.62GHz,<br>3.4~3.6GHz, 4.8~5GHz |
| Average Power*1: | 100W@25°C                                         |
| VSWR:            | 1.5±10%, 2±10%, 2.5±10%                           |
| Peak Power:      | 5KW (5μS pulse width, 2%<br>duty cycle)           |

[1] Derated linearly to 10W@125°C.

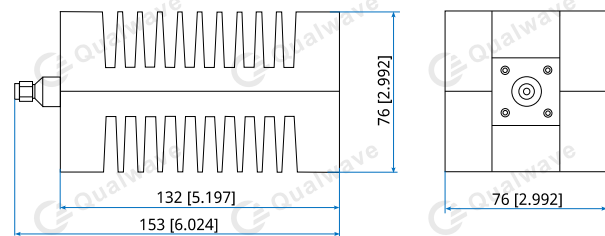
### Mechanical

|                       |                     |
|-----------------------|---------------------|
| Connector:            | SMA male            |
| Weight:               | 1.4Kg               |
| Housing:              | Aluminum            |
| Outer Conductor:      | Nickel plated brass |
| Male Inner Conductor: | Gold plated brass   |

### Environmental

|              |            |
|--------------|------------|
| Temperature: | -55~+125°C |
|--------------|------------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±3%

### How To Order

[QBMTK1-2300-2400-Y-Z](#)

[QBMTK1-2570-2620-Y-Z](#)

[QBMTK1-3400-3600-Y-Z](#)

[QBMTK1-4800-5000-Y-Z](#)

Y: VSWR (1.5, 2, 2.5)

Z: Connector type

Connector type naming rules:

S - SMA male

Examples:

To order a termination, 2300~2400MHz,VSWR 1.5, SMA male,  
specify QBMTK1-2300-2400-1.5-S.

Customization is available upon request.