

# QCT50R5

## DC~50GHz, 0.5W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching

### Electrical

Frequency Range:	DC~50GHz
Average Power:	0.5W
Impedance:	50Ω
VSWR:	1.3 max. (DC~40GHz) 1.4 max. (DC~50GHz)

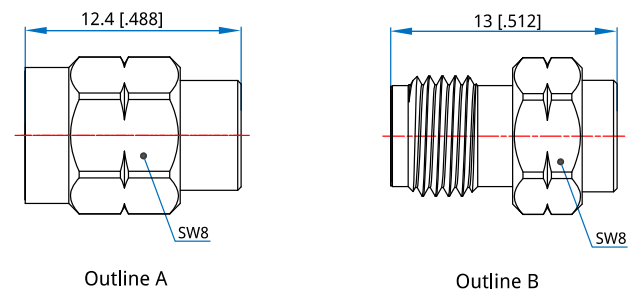
### Mechanical

Connectors:	2.4mm
Outer Conductor:	Passivated stainless steel
Inner Conductor:	Gold plated beryllium copper
Dielectric:	PEI

### Environmental

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

### Outline Drawings



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

### How To Order

**QCT50R5-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

2 - 2.4mm male (Outline A)

2F - 2.4mm female (Outline B)

Examples:

To order a termination, DC-50GHz, 2.4mm male, specify QCT50R5-50-2.

Customization is available upon request.