

QCT5002

DC~50GHz, 2W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~50GHz
Average Power ^{*1} :	2W
Impedance:	50Ω
VSWR:	1.2 max. (DC~40GHz) 1.25 max. (DC~50GHz)

[1] Derated linearly to 0.1W@120°C.

Mechanical

Length ^{*2} :	12.4mm 0.488in
Length ^{*3} :	13mm 0.512in
Connectors:	2.4mm
Outer Conductor:	Passivated stainless steel
Inner Conductor:	Gold plated beryllium copper
Dielectric:	PEI

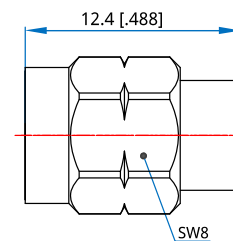
[2] 2.4mm male.

[3] 2.4mm female.

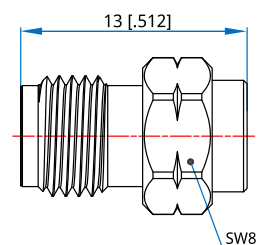
Environmental

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

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QCT5002-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 QCT5002-50-2.

Customization is available upon request.