

QCT2602

DC~26.5GHz, 2W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range:	DC~26.5GHz
Average Power ^{*1} :	2W
Impedance:	50Ω
Peak Power:	500W (5μS pulse width, 0.2% duty cycle) @Outline A, B, E

[1] Derated linearly to 0.1W@120°C.

Mechanical

Connectors:	SMA
Outer Conductor:	Passivated stainless steel
Inner Conductor:	Gold plated beryllium copper (Outline C, D)
Dielectric:	PTFE (Outline C, D)

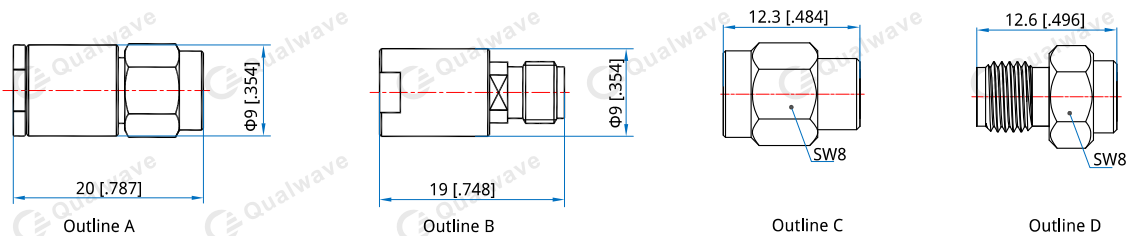
Environmental

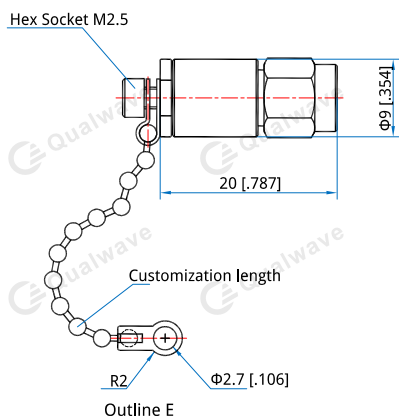
Temperature:	-55~+125°C
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Specifications

Model	Frequency (GHz)	VSWR (max.)	With Chain or Without Chain	Connectors	Outline Drawings
QCT2602-4-S	DC~4	1.15	Without chain	SMA male	Outline A
QCT2602-4-SF	DC~4	1.15	Without chain	SMA female	Outline B
QCT2602-8-S	DC~8	1.2	Without chain	SMA male	Outline A
QCT2602-8-SF	DC~8	1.2	Without chain	SMA female	Outline B
QCT2602-12.4-S	DC~12.4	1.25	Without chain	SMA male	Outline A
QCT2602-12.4-SF	DC~12.4	1.25	Without chain	SMA female	Outline B
QCT2602-18-S	DC~18	1.3	Without chain	SMA male	Outline A
QCT2602-18-SF	DC~18	1.3	Without chain	SMA female	Outline B
QCT2602-26.5-S	DC~26.5	1.2	Without chain	SMA male	Outline C
QCT2602-26.5-SF	DC~26.5	1.2	Without chain	SMA female	Outline D
QCT2602-18-S-72.39	DC~18	1.25	With chain	SMA male	Outline E

Outline Drawings





Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

- QCT2602-4-S** - DC~4GHz, SMA male, Outline A
- QCT2602-4-SF** - DC~4GHz, SMA female, Outline B
- QCT2602-8-S** - DC~8GHz, SMA male, Outline A
- QCT2602-8-SF** - DC~8GHz, SMA female, Outline B
- QCT2602-12.4-S** - DC~12.4GHz, SMA male, Outline A
- QCT2602-12.4-SF** - DC~12.4GHz, SMA female, Outline B
- QCT2602-18-S** - DC~18GHz, SMA male, Outline A
- QCT2602-18-SF** - DC~18GHz, SMA female, Outline B
- QCT2602-26.5-S** - DC~26.5GHz, SMA male, Outline C
- QCT2602-26.5-SF** - DC~26.5GHz, SMA female, Outline D
- QCT2602-18-S-72.39** - DC~18GHz, SMA male, Chain length 72.39mm, Outline E

Customization is available upon request.