

QCT1801

DC~18GHz, 1W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~18GHz
Average Power ^{*1} :	1W
Impedance:	50Ω
Peak Power:	10W
	100W@Quick SMA (5μS pulse width, 1% duty cycle)

[1] Derated linearly to 0.2W@125°C.

VSWR

Frequency (GHz)	Connectors vs VSWR (Max.)		
	SMA	SSMA	Quick SMA
DC~3			1.05
DC~6			1.1
DC~12.4	1.25	1.25	1.15
DC~18			1.3

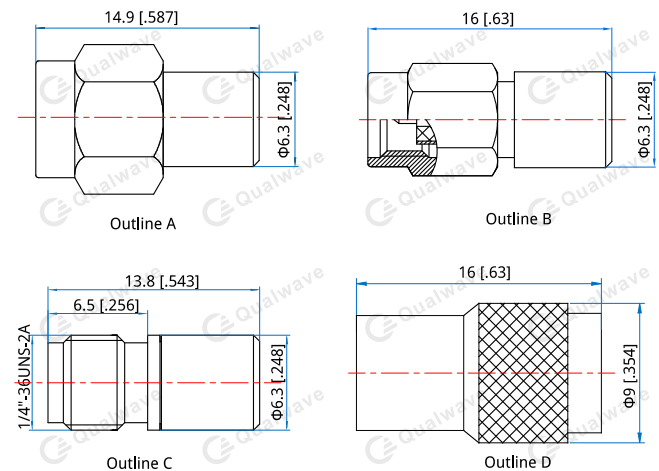
Mechanical

Connector:	SMA, SSMA Male, Quick SMA Male
Outer Conductor:	Stainless steel (SMA) Gold plated brass (SSMA) Nickel plated brass (Quick SMA)
Inner Conductor:	Beryllium copper

Environmental

Temperature:	-55~+85°C (SSMA) -55~+125°C
--------------	--------------------------------

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QCT1801-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

S - SMA male (Outline A)

A - SSMA male (Outline B)

SF - SMA female (Outline C)

QS - Quick SMA male (Outline D)

Examples:

To order a termination, DC-18GHz, SMA male, specify QCT1801-18-S.

Customization is available upon request.