

# FCT1202

## DC~12.4GHz, 2W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency Range:	DC~12.4GHz
Average Power*1:	2W
Impedance:	50Ω
Peak Power:	100W (5μS pulse width, 2% duty cycle)

[1] Derated linearly to 0.2W@125°C.

### VSWR

Frequency (GHz)	VSWR (max.)
DC~3	1.15
DC~6	1.2
DC~9	1.2
DC~12.4	1.25

### Mechanical

Size:	Φ9*16mm Φ*13.386in
Weight:	5g
Housing:	Nickel plated brass
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper
Connectors:	Reversed polarity SMA male

### How To Order

#### FCT1202-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

SRP - Reversed polarity SMA male

Examples:

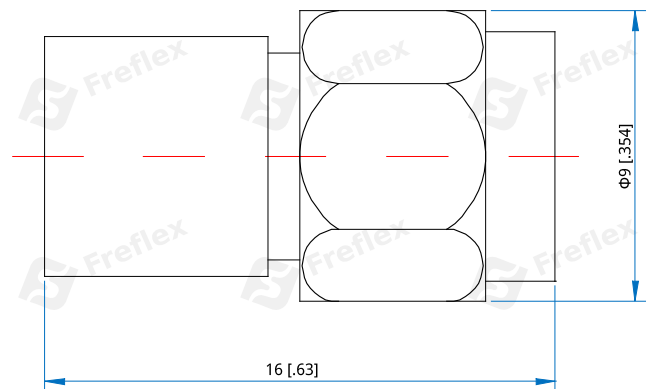
To order an termination, DC~12.4GHz, Reversed polarity SMA male, specify FCT1202-12.4-SRP.

Customization is available upon request.

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±5%