

FCT11001

DC~110GHz, 1W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~110GHz
Average Power ^{*1} :	1W@25°C max.
VSWR:	1.6 max.
Impedance:	50Ω
Peak Power:	5W (5μS pulse width, 1% duty cycle)

[1] Derated linearly to 0.1W@125°C.

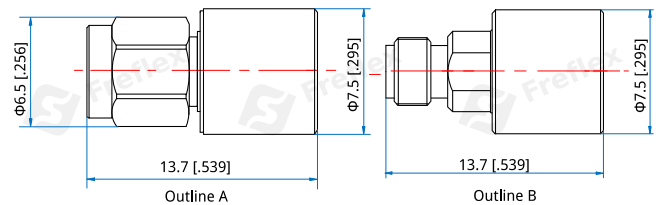
Mechanical

Connector:	1.0mm
Outer Conductor:	Stainless Steel Passivation
Dielectric:	PEI
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

Temperature:	-55~+125°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±2mm [±0.08in]

How To Order

FCT11001-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

1 - 1.0mm male (Outline A)

1F - 1.0mm female (Outline B)

Examples:

To order a termination, DC~110GHz, 1.0mm male, specify FCT11001-110-1.

Customization is available upon request.