

FCT4005

DC~40GHz, 5W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~40GHz
Average Power ^{*1} :	5W@25°C max.
VSWR:	1.25 max.
Impedance:	50Ω
Peak Power:	20W (5μS pulse width, 2.5% duty cycle)

[1] Derated linearly to 0.5W@125°C.

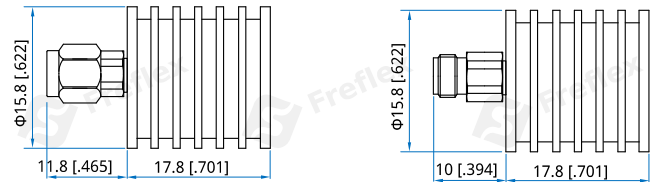
Mechanical

Connector:	2.92mm
Housing:	Aluminum
Dielectric:	PEI
Outer Conductor:	Stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

Environmental

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

Outline Drawings



Outline A

Outline B

Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

FCT4005-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

K - 2.92mm male (Outline A)

KF - 2.92mm female (Outline B)

Examples:

To order a termination, DC~40GHz, 2.92mm male, specify FCT4005-40-K.

Customization is available upon request.