

FDT03K1

DC~3GHz, 100W

Features:

- * Low VSWR
- * High Power

Applications:

- * Transmitters
- * Antennas
- * Laboratory Test
- * Impedance Matching

Electrical

Frequency:	DC~3GHz
Average Power:	100W
Resistance:	50Ω
Resistance Tolerance:	±5%
VSWR:	1.2 max.
Temperature Coefficient:	150ppm/°C max.

Mechanical

Substrate Material:	Aluminum nitride
Ceramic Cap Material:	Dielectric
Flange:	Nickel plated brass
Lead Wire:	Silver
Resistance:	Thick film
Mounting:	2-Φ3.2mm through-hole

How To Order
FDT03K1-X-Y-Z-V

X: Frequency in GHz

Y: Package type

Z: Substrate material

V: Serial number if diffent sizes

Package type naming rules:

L2 - Double flanges

Substrate material naming rules:

A - Aluminum nitride

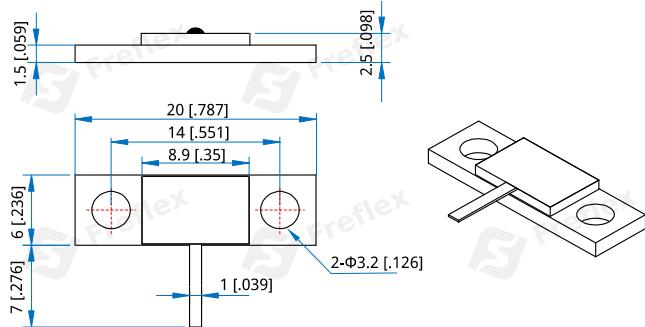
Examples:

To order a dorp-in termination, DC-3GHz, double flanges, Aluminum nitride, specify FDT03K1-3-L2-A-01.

Customization is available upon request.

Environmental

Temperature: -55~+150°C

Outline Drawings


Lead length can be customized according to customer requirements.

Unit: mm [in]

Tolerance: ±0.05mm [±0.002in]