

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 different sizes

Package type naming rules:

L2 - Double flanges

Substrate material naming rules:

A - Aluminum nitride

Examples:

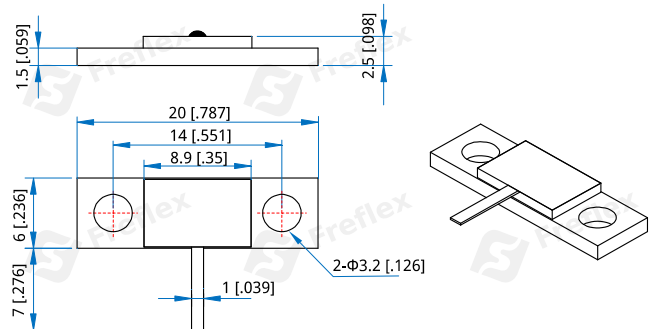
To order a dorp-in termination, DC-3GHz, double flanges, Aluminum nitride, specify FDT03K1-3-L2-A-01.

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]