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AK0405CB-XXXXJN-91

ALUMINA

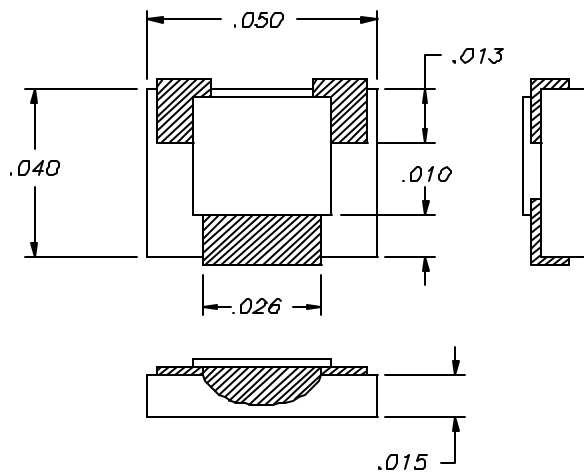
ATTENUATOR

Features:

- ◆ DC - 4 GHz
- ◆ .15 Watt power dissipation
- ◆ Compact construction

General Description:

The AK0405CB-XXXX*JN-91 is a quarter wrap chip attenuator with available attenuation values from .25 to 32 dB. See below for ordering. It offers a frequency range from DC - 4 GHz and a power rating of .15 Watts while maintaining a constant heat sink temperature of 100°C max.



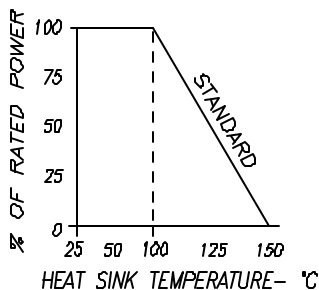
*XXXX = Value in Decibels

- 1.....0100
- 2.5.....0250
- 12.....1200
- 18.5....1850

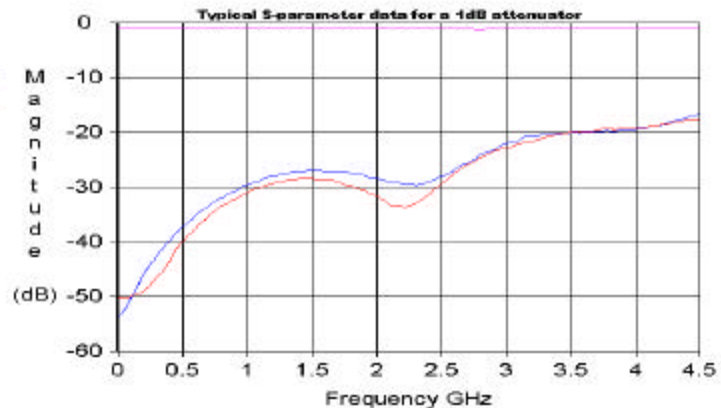
Sample part number:

AK0405CB-0250JN-91 = 2.5dB

DERATING CURVE:



dB[S11] — blue line
 dB[S21] — magenta line
 dB[S22] — red line



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		4	GHz
Input Return Loss	20	23		dB
Output Return Loss	20	23		dB
Power Dissipation			.15	Watts
Heat Sink Temperature			100	°C

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Barry Industries maintains an ISO 9001 Certified Quality Management System

DATE	REV.
02/11/05	-