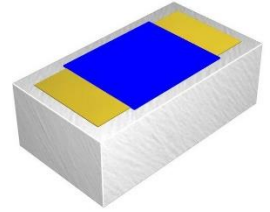
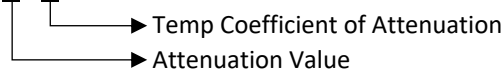




## ORDERING INFORMATION

## PART IDENTIFIER: AN11-XNXF



## SPECIFICATIONS

## 1. ELECTRICAL:

Nominal Impedance:	50 $\Omega$
Frequency Range:	DC – 6 GHz
Attenuation Values Available:	1 and 2 dB
Attenuation Accuracy:	@ 25°C dB $\pm 0.5$ dB
VSWR:	1.30:1 Typ 1.60:1 Max
Input Power:	0.1 Watts
Temperature Coefficient of Attenuation:	-0.003 and -0.005 dB/dB/°C
Temperature Coefficient Tolerance:	$\pm 0.001$ dB/dB/°C

## 2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C

## 3. MARKING:

Unit Marking:	None
---------------	------

## 4. QUALITY ASSURANCE:

Sample Inspect Per ANSI/ASQC Z1.4 General Inspection, Level II, AQL=1.0.

Visual and Mechanical Examination for Conformance to Outline Drawing Requirements.

Sample Inspection (Destructive Testing).

Select three (3) units from lot and measure DCA every 20°C over the temperature range of -55°C to +125°C; Calculate using linear regression, the slope of the curve.

Calculate TCA using the following formula:

$$TCA = \frac{\text{Slope}}{\text{Attenuation @ 25°C}}$$

Inspection in accordance with 824W170 and 824F036, for commercial grade product.

Test Data Requirements:

No Data Required for Customer

Data Retention – 24 Months

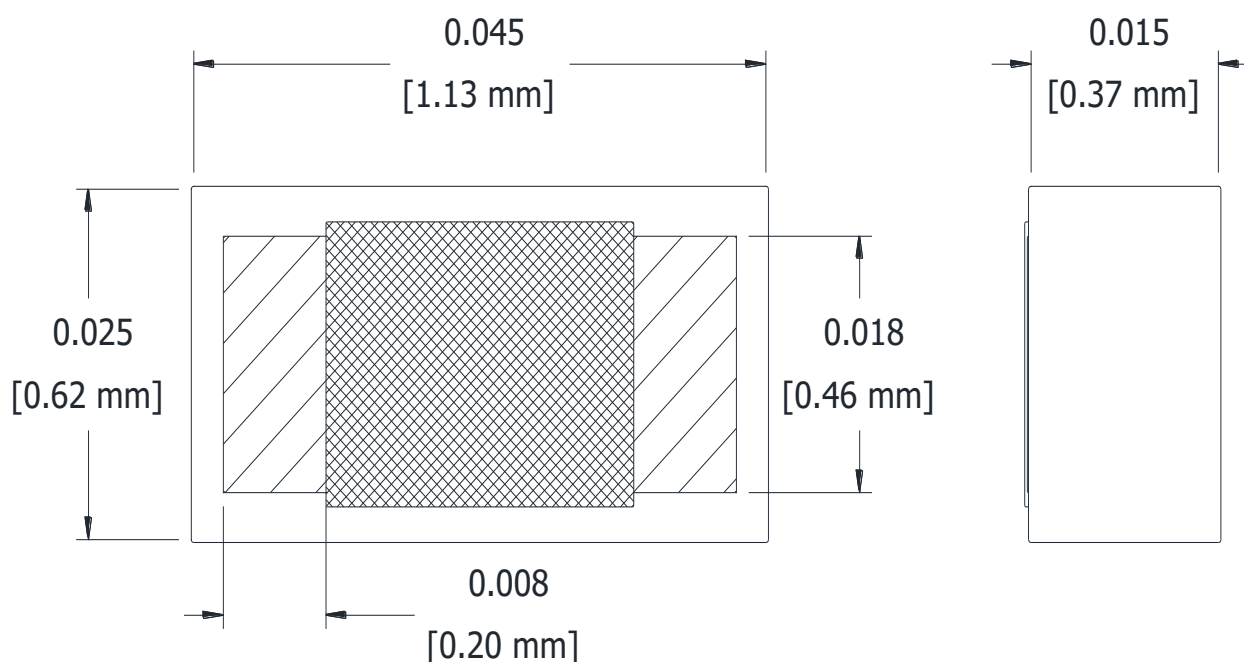
## 5. PACKAGING:

Standard Packaging:	Tape and Reel
---------------------	---------------



## 6. MECHANICAL:

Substrate Material:	Alumina
Terminal Material:	Thick film ROHS Compliant
Resistive Element:	Thick film
Metric Dimensions:	Provided for reference only.



Unless Otherwise Specified:

TOLERANCE: X.XX =  $\pm 0.01$  X.XXX =  $\pm 0.005$