

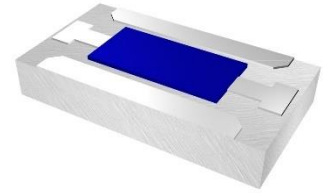


## ORDERING INFORMATION

## PART IDENTIFIER:

QFAXXXXSMTF

Frequency Band 04: 36 – 40 GHz  
05: 40 – 50 GHz  
Attenuation Value 0 – 10 dB



## SPECIFICATIONS

## 1. ELECTRICAL:

Frequency Range:  
QFAXX04SMTF 30 – 40 GHz  
QFAXX05SMTF 40 – 50 GHz  
Attenuation Value: 0 to 10 dB (See Table 1)  
Attenuation Accuracy:  $\pm 0.75$  dB  
VSWR: 1.50:1 Max  
Power Rating: 0.2 Watts

Table 1			
dB VALUE	DC RESISTANCE ( $\Omega$ ) QFAXX04SMTF	DC RESISTANCE ( $\Omega$ ) QFAXX05SMTF	TOLERANCE
0.0	CONTINUITY ONLY		
1.0	4.13	4.13	8%
2.0	9.16	13.85	8%
3.0	22.45	24.76	8%
4.0	34.27	35.97	4%
5.0	48.45	44.24	4%
6.0	58.02	50.11	4%
7.0	75.82	60.80	2%
8.0	89.14	71.85	2%
9.0	102.46	82.91	2%
10.0	116.29	96.74	2%

## 2. ENVIRONMENTAL:

Operating Temperature: -55°C to +150°C  
Storage Temperature: -55°C to +150°C

## 3. MARKING:

Unit Marking: Attenuation (0 to 10 dB)

## 4. PACKAGING:

Standard: Tape and Reel

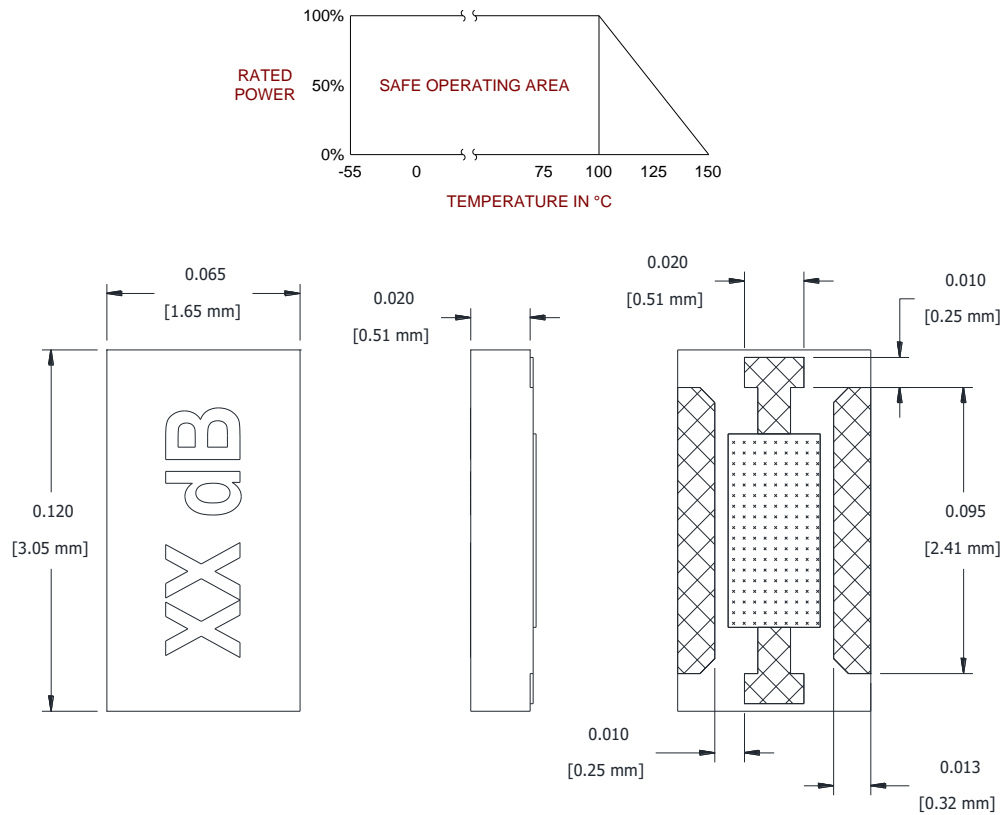
## 5. MECHANICAL:

Substrate Material: Alumina  
Resistive Element: Thin-Film Tantalum Nitride  
Termination: Thick-film Gold  
Termination Plating: Silver  
Metric Dimensions: Provided for reference only.



## ATTENUATOR Q-BAND SMT 0.2 WATT

DATASHEET PART SERIES: QFAXXXXSMTF

Sheet 2 of 2  
Doc# QFAXXXXSMTFECO-084063  
Revision -

Unless Otherwise Specified:

TOLERANCE: X.XXX =  $\pm 0.005$ 

Note: Specifications are subject to change without notice.

