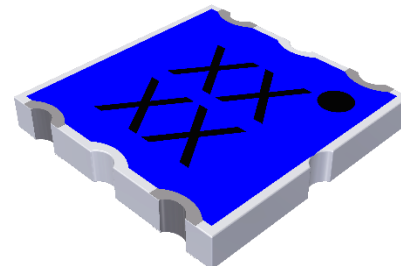


## ORDERING INFORMATION

## PART IDENTIFIER: SXUXXX3TF

- ▶ RoHS Compliant
- ▶ Enhanced Performance
- ▶ Sampling Output: 10 = -10 dB  
20 = -20 dB
- ▶ Thru Attenuation: 10 = 1.0 dB  
20 = 2.0 dB



## SPECIFICATIONS

## 1. ELECTRICAL:

	Frequency	Sampling Output	Sampling Output Tolerance	Thru Attenuation	VSWR	Power Handling
SXU10203TF	DC - 6 GHz	-20 dB	±1.0 dB	1 dB Typical	1.3:1 Typical	2 Watts CW
SXU20103TF	DC - 6 GHz	-10 dB	+1.0 / -2.5 dB	2 dB Typical	1.5:1 Typical	2 Watts CW

## 2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +125°C
Non-operating Temperature:	-55°C to +150°C
Temperature Coefficient:	+/-200 PPM / °C max

## 3. MARKING:

Unit Marking: Thru Value, Output Value and Pin 1 Indicator

## 4. QUALITY ASSURANCE:

Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.

Visual and Mechanical Inspection for Conformance to Outline Drawing

Measure Attenuation and VSWR

Data Retention - Standard

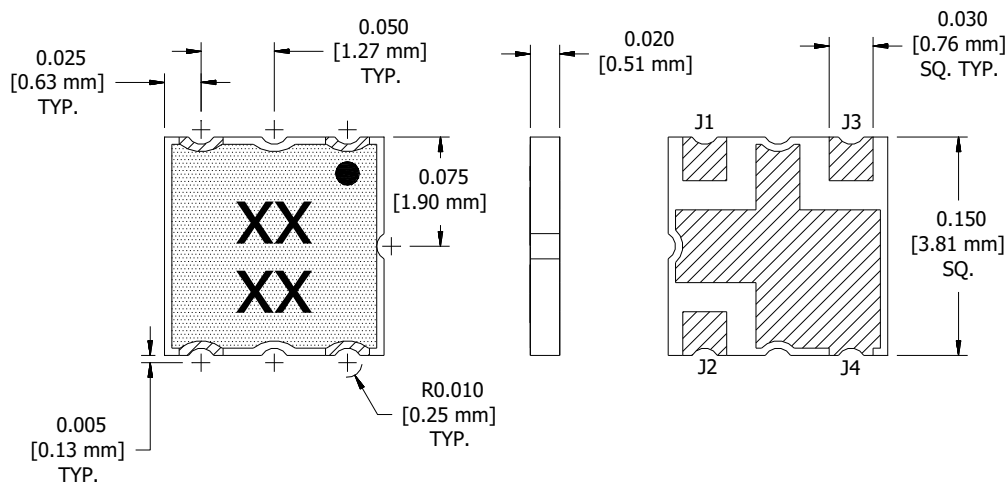
## 5. PACKAGING:

Standard Packaging: Tape and Reel

6. MECHANICAL:

Substrate Material: Alumina  
 Resistive Film: Thick Film  
 Terminal Material: Thick Film, Silver plated  
 Metric Dimensions: Provided for reference only.

Port	DESCRIPTION
J1	INPUT
J2	THRU ATTENUATION
J3	SAMPLING OUTPUT
J4	GROUND



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.005

7. SUGGESTED PCB LAND PATTERN

