

Features

- Frequency Range: 0.075 – 200 MHz
- Impedance Ratio: 1:1.5, Balanced to Balanced
- Industry Standard SMT package
- Available in Tape-and -Reel
- Low Cost

SURFACE MOUNT TRANSFORMER



Description

The XFA-0201-15B transformer is designed for applications that require small, low cost, and highly reliable surface mount components. Applications may be found in broadband, wireless and other communications systems. S-Parameters are available on request.

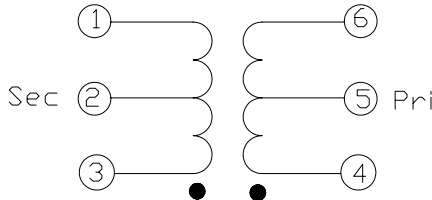
Specifications

Parameter	Minimum	Maximum
Frequency Range (MHz)	0.075	200
Insertion Loss <1dB	0.3	65
Insertion Loss <2dB	0.11	125
Insertion Loss <3dB	0.075	200
Impedance ratio	1:1.5	
Type	Balanced to Balanced	

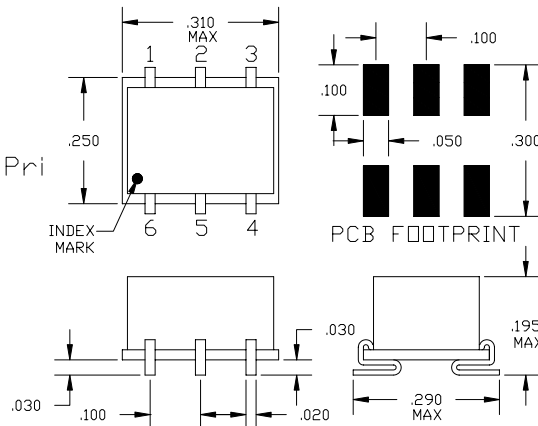
Absolute Maximum Ratings

Parameter	Maximum
RF Power	+33 dBm
Operating Temperature	-55 to +100 °C
Storage Temperature	-55 to +100 °C
Re-flow Temperature	+ 240 °C

Schematic



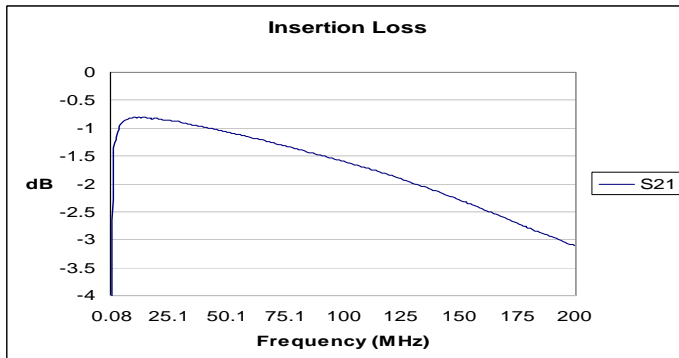
Package – S06



Pin Functions

Function	Pin
SECONDARY	1
SECONDARY CT	2
SECONDARY DOT	3
PRIMARY DOT	4
PRIMARY CT	5
PRIMARY	6

Typical Test Data – Insertion Loss of two units tested back-to-back @ 25°C. Primary Impedance 50 Ohms.



Specifications and information on this data sheet are subject to change without notice.