

**Features**

- Frequency Range: 0.03 – 75 MHz
- Impedance Ratio: 1:16, Unbalanced to Balanced
- Industry Standard SMT package
- Available in Tape-and-Reel
- Low Cost

**SURFACE MOUNT TRANSFORMER**



**Description**

The XFA-0101-16W 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.

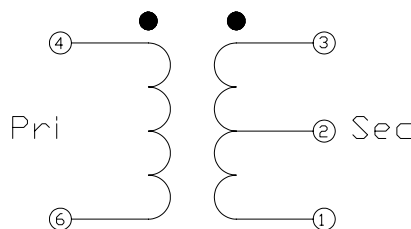
**Specifications**

Parameter	Minimum	Maximum
Frequency Range (MHz)	0.03	75
Insertion Loss <1dB	0.18	25
Insertion Loss <2dB	0.05	45
Insertion Loss <3dB	0.03	75
Impedance ratio	1:16	
Type	Unbalanced to Balanced	

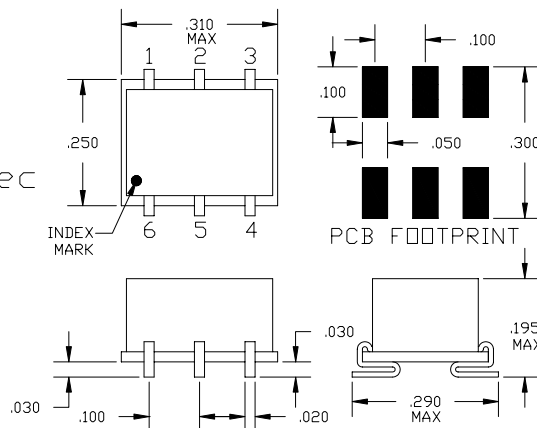
**Absolute Maximum Ratings**

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

**Schematic**



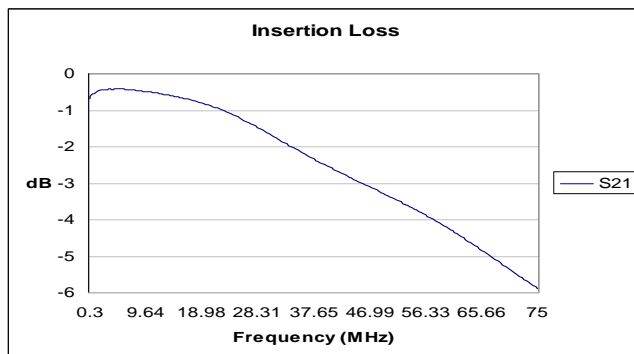
**Package – S06**



**Pin Functions**

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

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



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