

XFK-0201-16WH 1:16 SMT TRANSFORMER

RoHS Compliant and Pb-Free Product Package: S01

Features

- Frequency Range 13 MHz to 200 MHz
- Impedance Ratio: 1:16 Unbalanced to Balanced
- Low Cost and RoHS Compliant
- Industry Standard SMT package
- Available in Tape-and -Reel
- 50Ω Nominal Impedance

Product Description

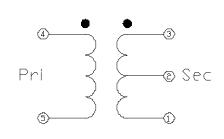
The XFK-0201-16WH transformer is designed for applications that require small, low cost, and highly reliable surface mount components. Applications may be found in broadband, wireless, and other communications systems. These transformers are built Lead-Free and RoHS compliant. S-Parameters are available on request.

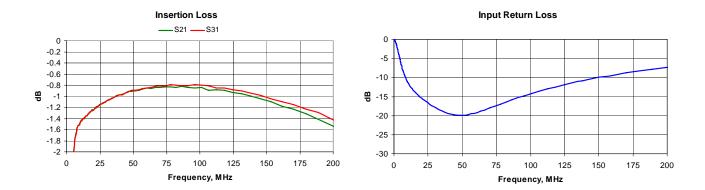


Specifications

Parameter	Specification			Unit
	Min.	Тур.	Max.	Unit
Frequency Range	13		200	MHz
Insertion Loss <1dB				MHz
Insertion Loss <2dB				MHz
Insertion Loss <3dB	13		200	MHz
Impedance Ratio	1:16			
Туре	Unbalanced to Balanced			

Schematic





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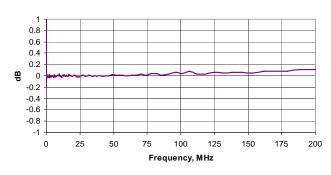
190 188 186 184 182 180 178 176 174 172 170 0 25 50 75 100 125 150 175 200 Frequency, MHz

Phase Balance

Amplitude Balance

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Absolute Maximum Ratings

Parameter	Rating	Unit
RF Power	+33	dBm
Operating Temperature	-55 to +100	°C
Storage Temperature	-55 to +100	°C

Exceeding any one or a combination of the Absolute Maximum Rating conditions may cause permanent damage to the device. Extended application of Absolute Maximum Rating condi-tions to the device may reduce device reliability. Specified typical performance or functional operation of the device under Absolute Maximum Rating conditions is not implied.

RoHS status based on EU Directive 2002/95/EC (at time of this document revision).

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Pin Out		
Pin	Name	
1	Secondary	
2	Secondary CT	
3	Secondary DOT	
4	Primary DOT	
5	Primary	

Package Drawing - S01

255

