

**RoHS Compliant and Pb-Free Product**  
**Package: S20**

## Features

- Frequency Range: 5 MHz to 200MHz
- Low Cost and RoHS Compliant
- Industry Standard SMT package
- Available in Tape-and-Reel
- 75Ω Characteristic Impedance



## Product Description

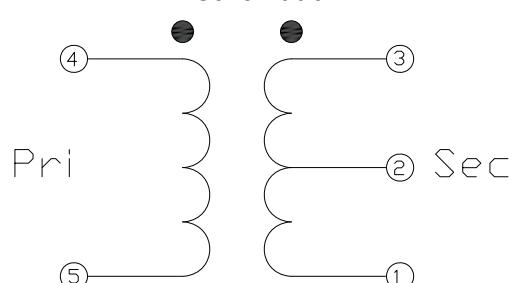
The RFXF2713 Transformer is designed for applications that require small, low cost, and highly reliable surface mount components. Applications may be found in broadband, wireless, and other communications systems. These units are built Lead-Free and RoHS compliant. S-Parameters are available on request.

## Specifications

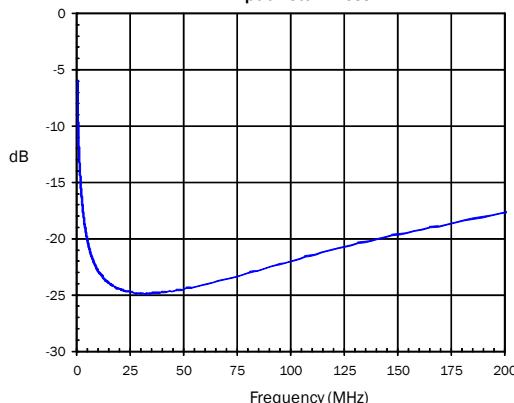
Parameter	Specification			Unit
	Min.	Typ.	Max.	
Frequency Range	5		200	MHz
Insertion Loss <1dB	5		200	MHz
Insertion Loss <2dB				MHz
Insertion Loss <3dB				MHz
Impedance Ratio	1:1			
Type	Unbalanced to Balanced, Flux Coupled			

Note: Typical values represent midband performance at T=25 °C.

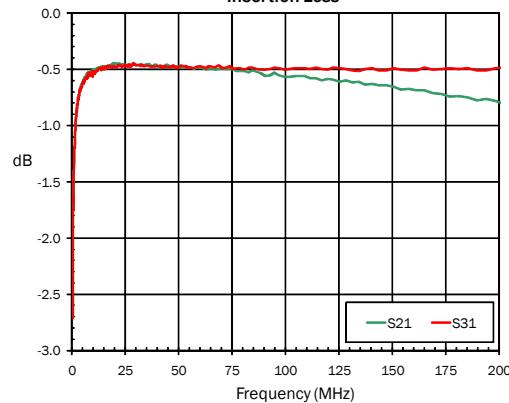
## Schematic



Input Return Loss



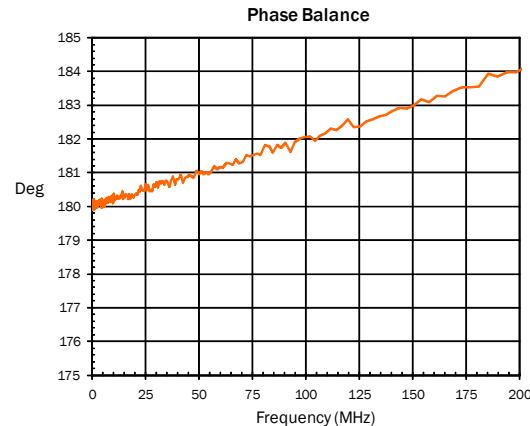
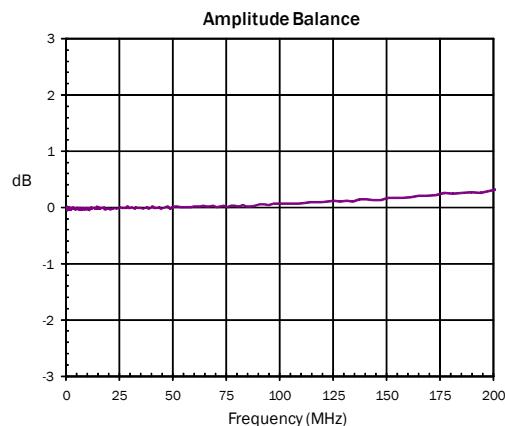
Insertion Loss



**RFXF2713**



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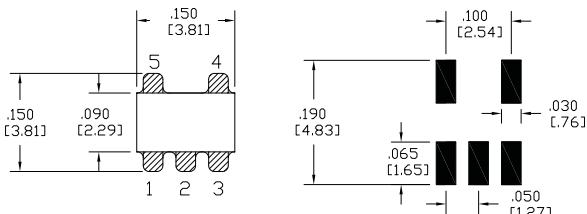
## Pin Out

Pin	Name
1	Secondary
2	Secondary CT
3	Secondary Dot
4	Primary Dot
5	Primary

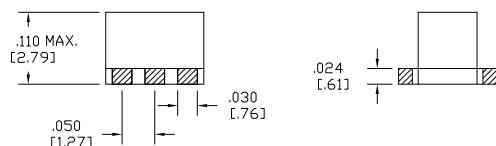
## Absolute Maximum Ratings

Parameter	Rating	Unit
RF Power	2	W
Operating Temperature	-40 to +85	°C
Storage Temperature	-55 to +100	°C

## S20 Package Drawing



## PCB FOOTPRINT



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 conditions 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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