

## **RFXF2533 1:2 SMT TRANSFORMER**

#### **RoHS Compliant and Pb-Free Product** Package: S-20



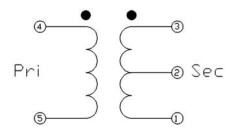


## Features

- Frequency Range 2 -350 MHz
- Low Cost and RoHS Compliant
- Flux Coupled
- Industry Standard SMT package
- Available in Tape-and -Reel
- 50Ω Characteristic Impedance

## **Applications**

- Broadband
- Wireless Communications



Schematic

## **Product Description**

The RFXF2533 Transformer is designed for applications that require very 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 and feature welded wire construction for increased reliability. S-Parameters are available on request.

#### **Ordering Information**

-	
Part Number	Description
RFXF2533SQ	2-350Mhz 1:
RFXF2533SR	2-350Mhz 1:

:2 SMT Transformer :2 SMT Transformer Reel Size Package N/A 13"

## 25+ pcs Bag 100+ pcs/Reel

### **Optimum Technology Matching® Applied**

GaAs HBT SiGe BiCMOS GaAs MESFET Si BiCMOS InGaP HBT SiGe HBT

GaN HEMT GaAs pHEMT Si CMOS BIFET HBT LDM0S Si BJT

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DS101011

# **RFXF2533**



#### **Absolute Maximum Ratings**

Parameter	Rating	Unit
RF Power	2	W
Operating Temperature	-40 to +85	°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 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.

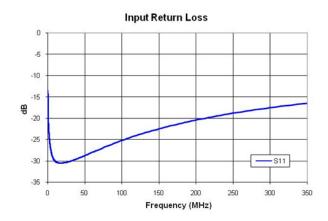
RoHS status based on EUDirective2002/95/EC (at time of this document revision).

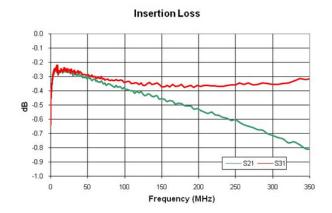
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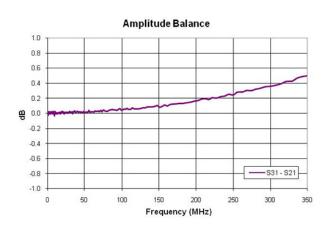
Parameter	Specification			Unit	Condition
	Min.	Тур.	Max.	Unit	Condition
					Typical values represent Mid-Band performance at 25 °C
Frequency	2		350	MHz	
Insertion Loss <1 dB	2		350	MHz	
Insertion Loss <2 dB	-		-	MHz	
Insertion Loss <3 dB	-		-	MHz	
Amplitude Balance		0.2	0.7	dB	
Phase Balance		2	6	٥	
Impedance Ratio	1:2				
Туре	Unbalanced to Balanced				

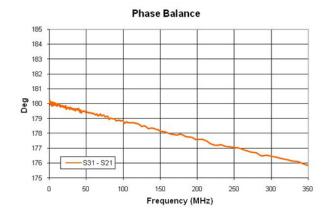














#### Pin Out

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

