

SPA-1003-27H 2-WAY SMT SPLITTER

RoHS Compliant and Pb-Free Product Package: S06

Features

- Frequency Range: 30 MHz to 1000 MHz
- Low Cost and RoHS Compliant
- Industry Standard SMT package
- Available in Tape-and -Reel
- 75Ω Characteristic Impedance

Product Description

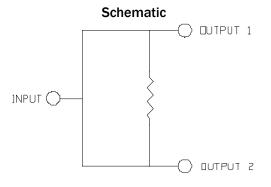
The SPA-1003-27H is a 0° two way power splitter designed for applications that require small, low cost, and highly reliable surface mount components. Applications may be found in broadband, wireless, and other communications systems. These units are built Lead-Free and RoHS Compliant. S-Parameters are available on request.

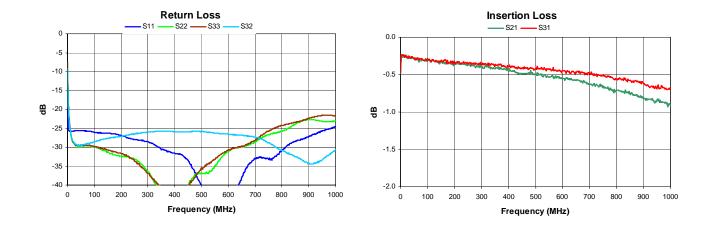
Specifications

Parameter	Specification			Unit
	Min.	Тур.	Max.	Unit
Frequency Range	30		1000	MHz
Insertion Loss		0.5	1.0	dB
Isolation	25	30		dB
Return Loss	20	25		dB
Amplitude Balance		0.2	0.4	dB
Phase Balance		2.0	4.0	٥

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





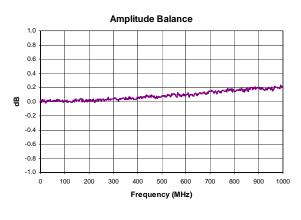


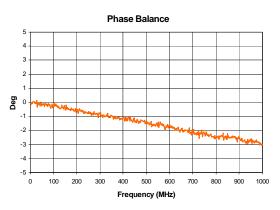
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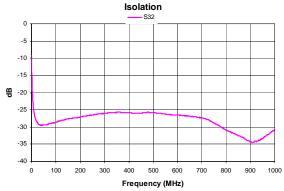
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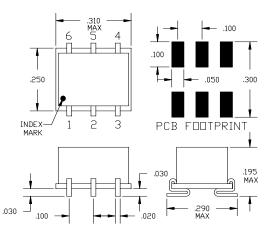






Pin Out			
Pin	Name		
1	Input		
3	Output 1		
4	Output 2		
2, 5, 6	Ground		

Package Drawing - S06



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 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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