



<b>HX5003/SMD</b>
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## General Description

The HX5003/SMD is a double balanced mixer that can be used as an upconverter or downconverter. The device has a low cost SMD package and works in the temperature range from -40°C to +85°C.

## Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range, RF	8		10	GHz
Frequency Range, LO	8		10	GHz
Frequency Range, IF	DC		2	GHz
Conversion Loss		8	10	dB
LO Power		10		dBm
LO to RF Isolation	17	20		dB
LO to IF Isolation	18	20		dB
Operating Temperature	-40		+85	°C
Package	S101			
Size	0.5 x 0.5 x 0.24			inch

Rev. 1.0