


HX5003

General Description

The HX5003 is an double balanced mixer that can be used as an upconverter or downconverter. The device has a hermetically sealed SMA 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
Connectors	SMA-f			
Package	M204			
Size	18 x 18 x 8 (w.o. Connectors)			mm

Rev. 1.0