


HX8001

General Description

The HX8001 is a passive double balanced mixer from which can be used as an upconverter in the frequency range from 28.5 to 30.5GHz.

It comes in a hermetically sealed package with SMA and K connectors.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range, RF	28.5		30.5	GHz
Frequency Range, LO	28.5		30.5	GHz
Frequency Range, IF	0.9		1.6	GHz
Conversion Loss		10	11	dB
LO Power	10	13	15	dBm
RF/LO/IF Isolation	20			dB
Operating Temperature	-10		+55	°C
Storage Temperature	-30		+70	°C
Connectors	K-f (LO), SMA-f (IF), K-f (RF)			
Package	M204			
Size	18 x 18 x 8			mm

Rev. 1.0