

Engineering Development Model

Level 13 (LO Power +13 dBm)

Frequency Mixer

HJK-ED11031/1

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

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CASE STYLE: TTT167

ELECTRICAL SPECIFICATIONS 50Ω @25°C

Parameter	Min.	Typ.	Max.	Units
Frequency	LO/RF	1600	2400	MHz
	IF	1	500	MHz
Conversion Loss		7.0		dB
L-R Isolation		45		dB
L-I Isolation		40		dB
IP3		+28		dBm
1 dB Compression		+9		dBm

MAXIMUM RATINGS

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	+12 dBm

PIN CONNECTIONS

LO	2
RF	1
IF	3
GROUND	all others

Electrical Schematic

