

# Engineering Development Model

Level 21 (LO Power +21 dBm)

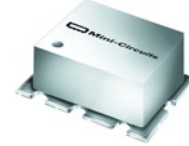
## Frequency Mixer

HJK-ED11277D/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			MHz
	IF			MHz
Conversion Loss		7.5		dB
L-R Isolation		40		dB
L-I Isolation		40		dB
IP3		+30		dBm
1 dB Compression		+17		dBm

### MAXIMUM RATINGS

Operating Temperature	-20°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	+22 dBm

### PIN CONNECTIONS

LO	2
RF	1
IF	3
GROUND	all others

### Electrical Schematic

