

# Engineering Development Model

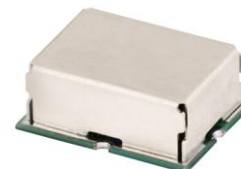
## Frequency Mixer

## HJK-ED14732/1

Level 17 (LO Power + 17 dBm)

### 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 : TTT881**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
<b>Frequency</b>	LO (f <sub>L</sub> to f <sub>u</sub> )	700		930	MHz
	RF (f <sub>L</sub> to f <sub>u</sub> )	770		1000	MHz
	IF	10		300	MHz
<b>Conversion Loss</b>	<b>Mid Range</b>		7.2		dB
	<b>Total Range</b>		7.5		dB
<b>LO-RF Isolation</b>			45		dB
<b>LO-IF Isolation</b>			33		dB
<b>Input IP3</b>			+30		dBm
<b>1 dB Compression</b>			+20		dBm

MAXIMUM RATINGS	
<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-55°C to +100°C

PIN CONNECTIONS	
<b>LO</b>	2
<b>RF</b>	1
<b>IF</b>	3
<b>GROUND</b>	4,5,6

### Electrical Schematics

