

Engineering Development Model

Frequency Mixer

HJK-ED12443

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.

Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : TTT881

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	34		650	MHz
	RF (fL to fU)	34		650	MHz
	IF	73		575	MHz
Conversion Loss	Mid Band		6.4		dB
	Total Range		6.6		dB
LO-RF Isolation	Low Range		54		dB
	Upper Range		44		dB
LO-IF Isolation	Low Range		56		dB
	Upper Range		40		dB
IP3 Input			+26		dBm

Note: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
mid band = [2fL to fU/2]

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C

PIN CONNECTIONS	
LO	2
RF	1
IF	3
GROUND EXT	4, 5, 6