Engineering Development Model

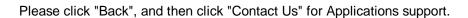
Frequency Mixer

ADE-ED12873/4

Level 10 (LO Power + 10 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.





CASE STYLE: CD542

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	800		1000	MHz	
	RF (f∟ to f∪)	800		1000	MHz	
	IF	10	7	200	MHz	
Conversion Loss	Total Range		6.4		dB	
LO-RF Isolation			40		dB	
LO-IF Isolation			30		dB	
Input IP3			+19.72		dBm	
1 dB Compression			+5		dBm	

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

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

Electrical Schematic

