Engineering Development Model

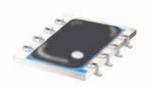
Frequency Mixer

MBY-EE7756/25

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: SM18

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	1400		2500	MHz	
	RF (f∟ to f∪)	1400		2500	MHz	
	IF	10		700	MHz	
Conversion Loss	Total Range		7		dB	
LO-RF Isolation			34		dB	
LO-IF Isolation			30		dB	
Input IP3			+22		dBm	
1 dB Compression			+10		dBm	

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

PIN CONNECTIONS			
LO	5		
RF	1		
IF	7		
GROUND	2,3,4,6,8		

Electrical Schematic

