Engineering Development Model

Frequency Mixer

SYM-ED17100501/1

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.



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

CASE STYLE: TTT167

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	35		1030	MHz	
	RF (f∟ to f∪)	5		1000	MHz	
	IF	5		1000	MHz	
Conversion Loss	Mid Band		5.8		dB	
	Total Range		6.8		uБ	
LO-RF Isolation	Low Range		54		dB	
	Mid Range		60		dB	
	Upper Range		46		dB	
LO-IF Isolation	Low Range		60		dB	
	Mid Range		50		dB	
	Upper Range		38		dB	
Input IP3			+26		dBm	
1 dB Compression			+14		dBm	

Note: Low Range = $[f_L \text{ to } 10f_L]$

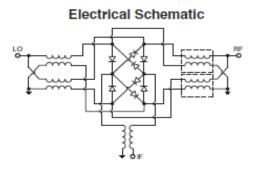
Mid Range = $[10f_L \text{ to } f_U/2]$

Upper Range = $[f_U/2 \text{ to } f_U]$

Mid band = $2f_L$ to $f_U/2$

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	4,5,6			







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