

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.



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CASE STYLE : TTT167

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	35		1030	MHz
	RF (f _L to f _U)	5		1000	MHz
	IF	5		1000	MHz
Conversion Loss	Mid Band		5.8		dB
	Total Range		6.8		
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 to 10f_L]

Mid Range = [10f_L to f_U/2]

Upper Range = [f_U/2 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

Electrical Schematic

