

Frequency Mixer

SYM-ED16061/2

Level 20 (LO Power + 20dBm)

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)	119		1099	MHz
	RF (f _L to f _U)	10		990	MHz
	IF	10		300	MHz
Conversion Loss	mid band		7.8		dB
	Total Range		8.2		dB
LO-RF Isolation	Total Range		48		dB
LO-IF Isolation	Total Range		48		dB
Input IP3			+30		dBm
1 dB Compression			+17		dBm

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

