

Non-Catalog Model

Frequency Mixer

SYM-15VH

Level 23 (LO Power +23 dBm)

Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.



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CASE STYLE : TTT167

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	10		1500	MHz
	RF (fL to fU)	10		1500	MHz
	IF	10		1500	MHz
Conversion Loss	mid band		6.5	8.5	dB
	Total Range			8.8	dB
LO-RF Isolation	Low Range	30	52		dB
	Mid Range	25	45		dB
	Upper Range	25	39		dB
LO-IF Isolation	Low Range	24	35		dB
	Mid Range	25	35		dB
	Upper Range	22	34		dB
IP3 Input			+31		dBm
1 dB Comp. Input Power			+15		dBm

Notes: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
 mid band = [2fL to fU/2]

Units are non-hermetic.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	-
IF Current	-

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

Electrical Schematics

