

## Non-Catalog Model

# Frequency Mixer

# SYM-11MH

Level 13 (LO Power +13 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)	50		2000	MHz
	RF (fL to fU)	50		2000	MHz
	IF	50		1000	MHz
Conversion Loss	mid band		6.6	8.0	dB
	Total Range			9.9	dB
LO-RF Isolation	Low Range	35	55		dB
	Mid Range	25	44		dB
	Upper Range	20	30		dB
LO-IF Isolation	Low Range	25	40		dB
	Mid Range	20	36		dB
	Upper Range	20	29		dB
1 dB Comp. Input Power			+9		dBm

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

Mid Range = [10fL to fU/2]

Upper Range = [fU/2 to fU]

Units are non-hermetic.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	200mW
IF Current	40mA

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

### Electrical Schematics

