

Non-Catalog Model

Frequency Mixer

Level 7 (LO Power +7 dBm)

SYM-42

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)	1000		4200	MHz
	RF (fL to fU)	1000		4200	MHz
	IF	0		200	MHz
Conversion Loss	mid band		6.7		dB
	Total Range			10.2	dB
LO-RF Isolation		20	35		dB
LO-IF Isolation		8	30		dB
1 dB Comp. Input Power			+1		dBm

Notes: 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	50mW
IF Current	40mA

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

Electrical Schematics

