

Non-Catalog Model

Frequency Mixer Level 7 (LO Power +7 dBm)

SYM-11J

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 : CG581

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1		2500	MHz
	RF (fL to fU)	1		2500	MHz
	IF	10		500	MHz
Conversion Loss	mid band		7.4	8.0	dB
	Total Range			9.8	dB
LO-RF Isolation	Low Range	40	64		dB
	Mid Range	24	43		dB
	Upper Range	20	35		dB
LO-IF Isolation	Low Range	40	60		dB
	Mid Range	20	35		dB
	Upper Range	15	30		dB
1 dB Comp. Input Power			+1		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 and aqueous washable

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	11
RF	5
IF	2
GROUND	1, 3, 4, 6, 7, 8, 9, 10, 12

Electrical Schematics

