

## Non-Catalog Model

# Frequency Mixer

# SCM-5LHNL

Level 10 (LO Power + 10 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 : YY101**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
<b>Frequency</b>	<b>LO</b> (fL to fU)	1250		1800	MHz
	<b>RF</b> (fL to fU)	1250		1800	MHz
	<b>IF</b>	DC		500	MHz
<b>Conversion Loss</b>	<b>Total Range</b>		6	8.8	dB
<b>LO-RF Isolation</b>	<b>Total Range</b>	17	26		dB
<b>LO-IF Isolation</b>	<b>Total Range</b>	8	18		dB
<b>1 dB Compression</b>			0		dBm

RF level: up to + 5dBm

MAXIMUM RATINGS	
<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-55°C to +100°C
<b>RF Power</b>	50mW
<b>IF Current</b>	40mA

PIN CONNECTIONS	
<b>LO</b>	1
<b>RF</b>	8
<b>IF</b>	3
<b>GROUND</b>	2,4,5,6,7

### Electrical Schematics

