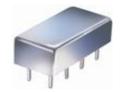
Frequency Mixer

SBL-1Z

Level 7 (LO Power +7 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.



Please click "Back", and then click "Contact Us" for Applications support. **CASE STYLE: A06**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	10		1000	MHz	
	RF (fL to fU)	10		1000	MHz	
	IF	0		500	MHz	
Conversion Loss	mid band		6.3	7.5	dB	
	Total Range			9.0	dB	
LO-RF Isolation	Low Range	40	50		dB	
	Mid Range	25	35		dB	
	Upper Range	20	25		dB	
LO-IF Isolation	Low Range	25	40		dB	
	Mid Range	18	25		dB	
	Upper Range	15	19		dB	
1 dB Comp. Input Power			+1		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]

Non-hermetic

MAXIMUM RATINGS				
Operating Temperature	-55°C to 100°C			
Storage Temperature	-55°C to 100°C			
RF Power	50mW			
IF Current	40mA			

PIN CONNECTIONS			
LO	1		
RF	8		
IF	3		
GROUND	2, 5, 6, 7		

Electrical Schematics

