



Characteristics	Typical	Guaranteed +25°C -54° to +85°C			
SSB Conversion Loss & SSB Noise Figure (max.)					
$f_{R=}$ $f_{L=}$ $f_{I=}$					
$f_{R=}$ $f_{L=}$ $f_{I=}$					
$f_{R=} \qquad \qquad f_{L=} \qquad \qquad f_{I=}$					
$f_{R=}$ $f_{L=}$ $f_{I=}$					
Isolation (min.)					
L to R					
$\mathbf{f}_{\mathbf{L}} = \mathbf{f}_{\mathbf{L}} =$					
$f_L =$					
$f_L =$					
L to I					
$f_L =$					
$\mathbf{f}_{L} =$					
$f_L =$					
R to I					
$f_R =$					
$f_R =$					
1 dB Conversion Compression					
$egin{array}{ccc} f_L & @ \ f_L & @ \ \end{array} \ f_L & @ \ \end{array}$					
Input IP3					
$f_{R1} = f_{R2} =$					
$r_{R1} - r_{R2} - f_L =$					
1 <u>_</u>					
$f_{R1} = f_{R2} =$					
$f_{\rm K1} = f_{\rm K2} = f_{\rm K2}$					
-L					
$f_{R1} = f_{R2} =$					
$f_{\rm L} =$					

## Absolute Maximum Ratings

**Operating Temperature** Storage Temperature Peak Input Power Peak Input Current

## Outline Drawing(s)

Package	Figure	Model

Specifications subject to change without notice. • North America: 1-800-366-2266 Visit www.macom.com for complete contact and product information.



