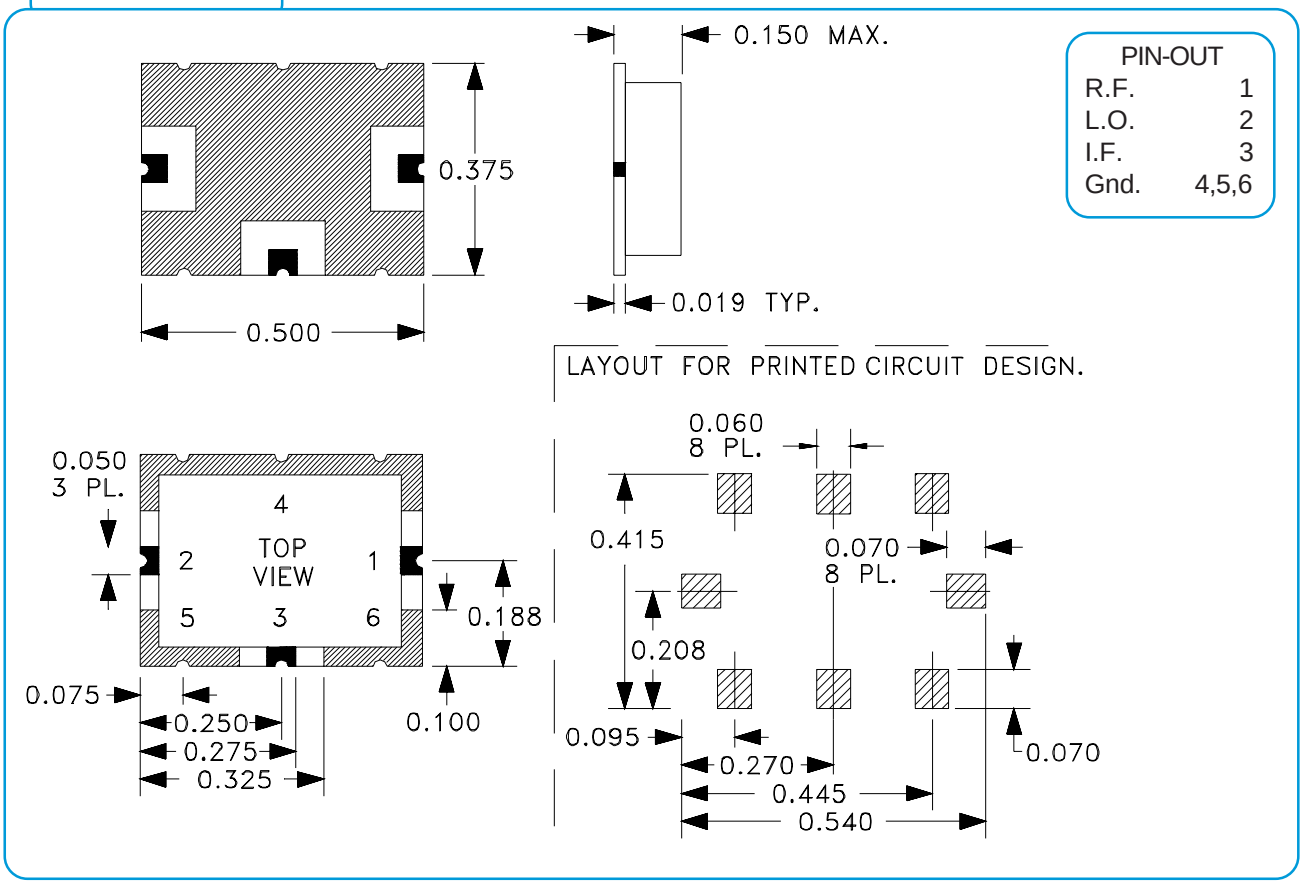
DOUBLE BALANCED MIXER
MODEL SMD-C6000

ULTRA WIDE BANDWIDTH 1 - 6000 MHz

SPECIFICATIONS:

Operating Frequency:		**Conversion Loss (dB):** (Typ/Max)	8.5 / 10.0
LO / RF:	1 - 6000 MHz	**LO Power:**	+10 dBm (Nom)
IF:	DC - 700 MHz	**Input IP3 (dBm):**	+15 (Typ)
Isolation (dB):	(Typ/Min)	**1 dB Compression Point:**	+3 dBm (Typ)
LO/RF	25/15	**Impedance:**	50 Ohms (Nom)
LO/IF	18/12	**Operating Temperature Range:**	-40°C to +75°C
RF/IF	15/12		

MECHANICAL OUTLINE: 133



PIN-OUT	
R.F.	1
L.O.	2
I.F.	3
Gnd.	4,5,6

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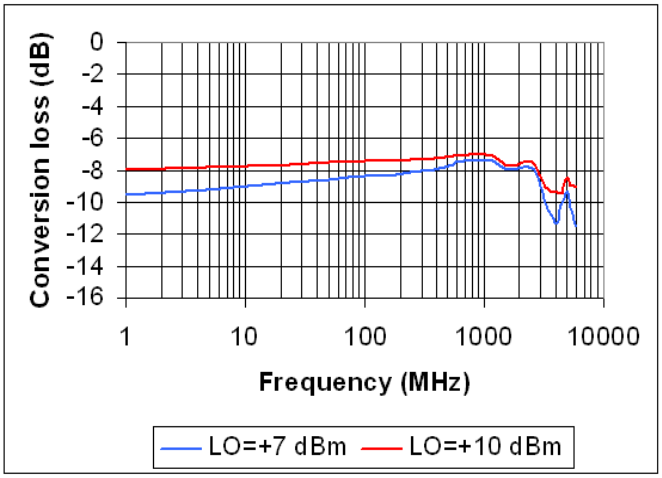
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

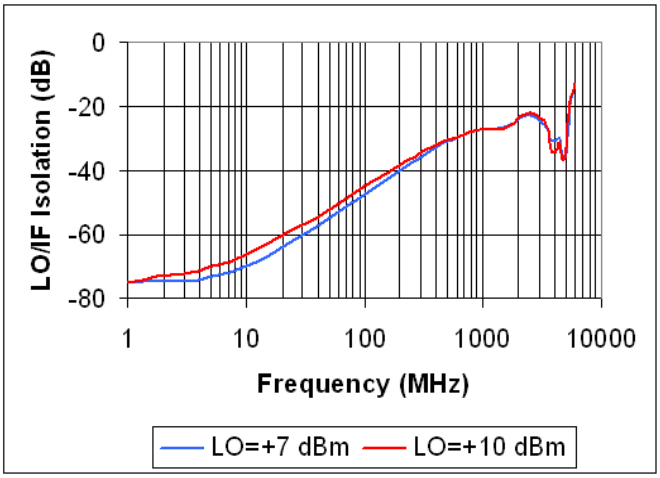
SYNERGY®
MICROWAVE CORPORATION

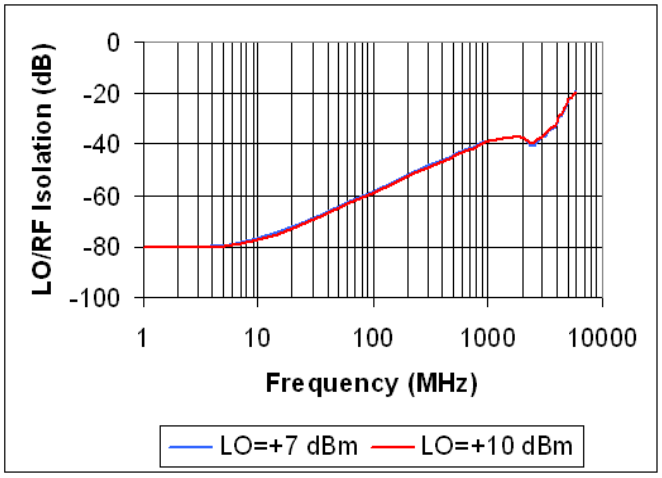
DOUBLE BALANCED MIXER
MODEL SMD-C6000

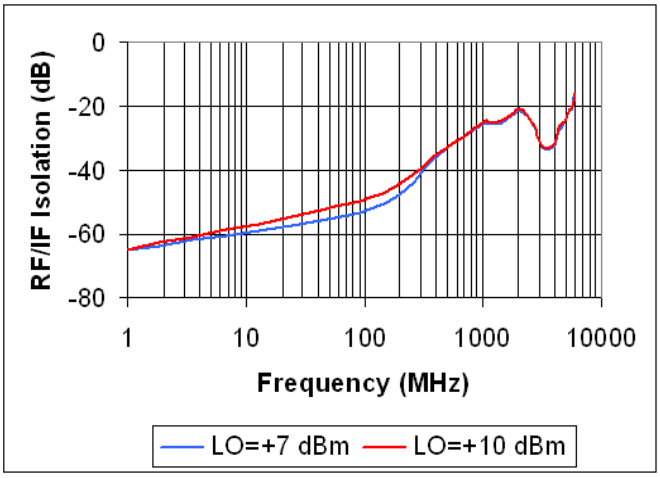
ULTRA WIDE BANDWIDTH 1 - 6000 MHz

PERFORMANCE PLOTS









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