

HIGH FREQUENCY

SURFACEMOUNT MIXERS

Frequency Range LO/RF (GHz)	IF (GHz)	Conversion Loss (dB)		L/R Isolation (dB)		L/I Isolation (dB)		P/N
		typ.	max.	typ.	min.	typ.	min.	
4 - 6	DC - 1.0	6.5	8.0	25	20	20	15	M*-05-A
5.0 - 7.0	DC - 1.0	5.0	6.0	45	40	35	30	M*-06-**
4.0 - 8.0	DC - 1.0	6.0	7.0	40	35	35	30	M*-02-**
	DC - 2.0	6.5	7.5	40	35	35	30	
2.0 - 8.0	DC - 1.0	6.0	7.5	30	25	25	20	M*-04-S
	DC - 2.0	6.5	8.0	30	25	25	20	
3.0 - 9.0	DC - 1.0	6.0	7.0	30	25	25	18	M*-03-**
	DC - 2.0	6.5	7.5	30	25	25	18	
6.0 - 18.0	DC - 1.0	6.0	7.5	25	20	20	20	M*-01-**
	DC - 2.0	6.5	8.0	20	20	20	20	
2.0-18.0	0.005 - 1.0	6.5	8.0	30	20	30	20	M***-07-**
	0.005 - 2.0	7.5	9.0	30	20	30	20	
	0.005 - 4.0	8.0	9.5	30	20	30	20	

** Available in outline S & SC.

LO Drive Levels

LO Drive Level	1 dB Comp. Pt.	(*) P/N	(***) P/N
+7 dBm	+1 dBm	L	-
+10 dBm	+4 dBm	M	L
+13 dBm	+7 dBm	T	T
+17 dBm	+10 dBm	H	M
+23 dBm	+17 dBm	-	H

Pin-out Table

Outline	RF	LO	IF
S	2	1	3
L	2	1	3
A	1	3	2
SC	3	2	1

