MIXERS
DOUBLE -BALANCED

LO = +7 dBm

LOW POWER CONSUMPTION

SURFACE MOUNT

134 

134J 

159 

FREQUENCY RANGE (MHz)		CONVERSION LOSS (dB)		LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)			PACKAGE	PIN OUT	MODEL
RF/LO	IF	XMB TYP/MAX	FULL BAND TYP/MAX	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN	LB TYP/MIN	MB TYP/MIN	UB TYP/MIN			
0.5-500	DC-500	5.5/7	6/8.5	55/50	35/25	30/20	55/45	30/25	25/20	159	1	**SLD-K1***
0.5-500	DC-500	5.5/7	6/8.5	55/50	35/25	30/20	55/45	30/25	25/20	134	1	**SMD-K1***
0.5-500	DC-500	5.5/7	6/8.5	55/50	35/25	30/20	55/45	30/25	25/20	134J	1	**SMZ-K1***
2-750	DC-750	6/7.5	6/8.5	70/45	45/28	38/22	60/45	40/25	30/20	159	1	**SLD-K1W***
2-750	DC-750	6/7.5	6/8.5	70/45	45/28	38/22	60/45	40/25	30/20	134	1	**SMD-K1W***
2-750	DC-750	6/7.5	6/8.5	70/45	45/28	38/22	60/45	40/25	30/20	134J	1	**SMZ-K1W***
5-1000	DC-1000	6.5/8	7/9	60/40	40/20	25/20	55/30	30/20	20/12	159	1	**SLD-K2***
5-1000	DC-1000	6.5/8	7/9	60/40	40/20	25/20	55/30	30/20	20/12	134	1	**SMD-K2***
5-1000	DC-1000	6.5/8	7/9	60/40	40/20	25/20	55/30	30/20	20/12	134J	1	**SMZ-K2***
5-1000	DC-1000	6.5/8	7/9	60/40	40/30	33/22	55/30	40/22	30/20	159	1	**SLD-K2D***
5-1000	DC-1000	6.5/8	7/9	60/40	40/30	33/22	55/30	40/22	30/20	134	1	**SMD-K2D***
5-1000	DC-1000	6.5/8	7/9	60/40	40/30	33/22	55/30	40/22	30/20	134J	1	**SMZ-K2D***
5-2000	DC-1000	6.5/8	8/9	70/55	42/30	38/25	45/40	32/28	32/28	134	1	**SMD-K2B***
10-1000	10-750	6.5/8	8/9.5	55/40	40/30	30/25	55/30	35/25	30/22	159	1	**SLD-K2U***
10-1000	10-750	6.5/8	8/9.5	55/40	40/30	30/25	55/30	35/25	30/22	134	1	**SMD-K2U***
10-1000	10-750	6.5/8	8/9.5	55/40	40/30	30/25	55/30	35/25	30/22	134J	1	**SMZ-K2U***
5-1500	DC-1000	6.5/7.5	7.5/9.5	60/40	40/20	30/18	55/30	30/18	15/8	159	1	**SLD-K3***
5-1500	DC-1000	6.5/7.5	7.5/9.5	60/40	40/20	30/18	55/30	30/18	15/8	134	1	**SMD-K3***
5-1500	DC-1000	6.5/7.5	7.5/9.5	60/40	40/20	30/18	55/30	30/18	15/8	134J	1	**SMZ-K3***

NOTES:

* Phase Detection, Polarity Positive
1. 1dB Compression Point = +1 dBm (Typ)
2. IP3 (Input) = +13 dBm (Typ)
3. Maximum Input Power without damage = 100 mW ave. cw

XMB = 2LF to HF/2
FULL BAND = LF to HF
LB= LF to 10LF
MB = 10LF to HF/2
UB = HF/2 to HF

PIN-OUT TABLE

	RF	LO	IF	GND
#1	4	1	5	2,3,6

GND = Ground externally
For pin location and package outline drawings, see back pages.

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