

8. MICROWAVE MIXER DIODES

IN ORDER OF (1) TEST FREQ (OR AVG FREQ WHEN TEST FREQ NOT AVAILABLE) and (2) TYPE No.

LINE No.	TYPE No.	BAND	TEST FREQ. (Hz)	FREQUENCY RANGE MIN - MAX (Hz)	NOISE		TEST COND. FOR			MAX. CONV. LOSS (dB)	MAX. VSWR	IF IMPEDANCE RANGE MIN - MAX (Ω)	ABSOLUTE MAX RATING		DESCRIPTION	
					MAX RATIO NR times	MAX REC. NF (dB)	Pin (W)	RL (Ω)	Zm (Ω)				BURN-OUT (Erg)	MAX. TEMP (°C)	MAT.	DWG. No.
1	K3A		700M		1.3											A32c
2	K3F		700M		1.0											DO7
3	1N25	L	1.0G		2.5		1.2m	100	200	8.0		100-400	750 \$	70A	Si	P30
4	JAN1N25	L	1.0G			10	1.0m	100	200	8.0	2.0	100-400		70A	Si	P3
5	1N25A	L	1.0G		2.0		1.2m	100	200	6.5		100-300	750 \$	70A	Si	P30
6	1N25B	L	1000M		1.5	8.0	1.2m	100	200	5.5		100-300		70A	Si	P30
7	JAN1N25WA	L	1000M		1.5	8.7	1.0m	100	200	6.0	2.0	100-300		70A	Si	P3d
8	1N26B	L	1.0G		1.5	8.3	1.2m	100	200	5.5		100-300	750 \$	70A	Si	P30
9#	CS36A	L	1000M												Si	P3
10#	DC1503	L	1000M	1.0G-2.0G	1.0	6.0				4.5	2.0	3500	600m\$	150A	Si	u7d0
11	K25A	L	1.0G		2.0					6.5		100-400	6.5k\$	125	Si	P30
12	K25B	L	1.0G		1.5					5.5		100-400	6.5k\$	150	Si	P30
13	MS5111	L	1.0G			8.0	1.0m				2.3	150-300				A1ar
14	MS5121	L	1.0G			7.5	1.0m				2.3	150-300				A1ar
15	MS5131	L	1.0G			7.0	1.0m				2.0	150-300				A1ar
16	MS5141	L	1.0G			6.5	1.0m				1.8	150-300				A1ar
17	MS5151	L	1.0G			6.0	1.0m				1.5	150-300				A1ar
18	P4284	L	1000M		2.0	12.6				8.0		100-400	6.5			F880
19	P4284A	L	1000M		2.0	10.3				6.5		100-300	6.5			F880
20	P4284B	L	1000M		1.5	8.3				5.5		100-300	6.5			F880
21#	BAV31	L	1030M			6.0	2.0m				1.6	100-200		150S	Si	DO19
22#	BAV32	L	1030M			6.0	2.0m				1.6	100-200		150S	Si	F47b
23#	BAV61	L	1030M			6.0	2.0m				1.6	100-200		150S	Si	DO35
24	A2S350	S	2000M	2.60G-3.95G		7.0	1.0m	10			1.5	150-250	125 \$	125	Si	A1ah
25	A2S365	S	2000M	2.60G-3.95G		6.5	1.0m	10			1.3	150-250	125 \$	125	Si	A1ah
26	A2S400	S	2000M	2.60G-3.95G		6.0	1.0m	10			1.5	150-250	125 \$	125	Si	A1ah
27	A2S817	S	2000M	2.60G-3.95G		6.0	1.0m	10			1.8	250-400	250m\$	200A	Si	A1ah
28	A2S821	S	2000M	2.60G-3.95G		6.0	1.0m	10			1.8	250-400	250m\$	200	Si	A1ah
29	HP5082-2350	L	2000M	1.0G-3.0G		7.0	1.0m				1.5	150-250	15 \$	125J	Si	A1ah0
30	HP5082-2400	L	2000M	1.0G-3.0G		6.0	1.0m				1.5	150-250	15 \$	125J	Si	A1ah0
31	HP5082-2817	L	2000M	1.0G-2.0G		6.0	1.0m	100			1.8	250-400	1.0 \$	150J	Si	A1ah
32	MS5211	S	2.0G			8.0	1.0m				2.3	150-300				A1ar
33	MS5221	S	2.0G			7.5	1.0m				2.3	150-300				A1ar
34	MS5231	S	2.0G			7.0	1.0m				2.0	150-300				A1ar
35	MS5241	S	2.0G			6.5	1.0m				1.8	150-300				A1ar
36	MS5251	S	2.0G			6.0	1.0m				1.5	150-300				A1ar
37	MS5311	S	2.0G			8.0	1.0m				2.0	150-350				A1ar
38	MS5321	S	2.0G			7.5	1.0m				1.8	150-350				A1ar
39	MS5331	S	2.0G			7.0	1.0m				1.6	150-350				A1ar
40	MS5341	S	2.0G			6.5	1.0m				1.4	150-350				A1ar
41	MS5351	S	2.0G			6.0	1.0m				1.2	150-350				A1ar
42	A2S520	S	3000M	2.60G-3.95G		7.0	1.0m	10			1.5	100-250	125 \$	125	Si	A1ah
43	A2S550	S	3000M	2.60G-3.95G		6.5	1.0m	10			1.5	100-250	125 \$	125	Si	A1ah
44	A2S565	S	3000M	2.60G-3.95G		6.0	1.0m	10			1.5	100-250	125 \$	125	Si	A1ah
45	A2S601	S	3000M	2.60G-3.95G		5.5	1.0m	10			1.6	150-350		150	Si	A1ah
46	A2S602	S	3000M	2.60G-3.95G		6.5	1.0m	10			1.6	150-350		150	Si	A1ah
47	A2S762	S	3000M	2.60G-3.95G		6.0	1.0m	10			1.6	150-350	200m\$	150A	Si	A1ah
48	A2S763	S	3000M	2.60G-3.95G		6.5	1.0m	10			1.6	150-350	200m\$	150A	Si	A1ah
49#	CS12B	S	3000M	2.0G-4.0G		7.5					1.5	3500		100A	Si	P2f0
50#	CS33A	S	3000M	6.00G											Si	P3
51#	CS37A	S	3000M	6.00G											Si	P3b
52#	CV364	S	3000M	6.0G		12.2						250-450			Si	P3
53#	CV3923	S	3000M			13.7									Si	P3
54#	CV3984	S	3000M			12.2									Si	P3
55#	CV7771	S	3000M	2.0G-4.0G		7.5					1.5	3500		100A	Si	P2f
56#	CV7772	S	3000M	2.0G-4.0G		7.0					1.5	3500		100A	Si	P2f
57#	DC1505G	S	3000M	2.0G-4.0G		1.0	6.5			5.0	1.5	3500	500m\$	150A	Si	P30
58#	DC1505H	S	3000M	2.0G-4.0G		1.0	6.0			4.5	1.5	3500	500m\$	150A	Si	P30
59#	DC1507G	S	3000M	2.0G-4.0G		1.0	6.5			4.5	1.5	3500	500m\$	150A	Si	P2f0
60#	DC1507H	S	3000M	2.0G-4.0G		1.0	6.0			4.5	1.5	3500	500m\$	150A	Si	P2f0
61#	DC1508G	S	3000M	2.0G-4.0G		1.0	6.5			5.0	2.0	3500	500m\$	150A	Si	u7d0
62#	DC1508H	S	3000M	2.0G-4.0G		1.0	6.0			4.5	2.0	3500	500m\$	150A	Si	u7d0
63#	DC1511G	S	3000M	2.0G-4.0G		1.0	6.5			5.0	2.0	3500	500m\$	150A	Si	A3180
64#	DC1511H	S	3000M	2.0G-4.0G		1.0	6.0			4.5	2.0	3500	500m\$	150A	Si	A3180
65#	DC1519	S	3000M	2.0G-4.0G		1.0	6.5			5.0	2.0	3500	500m\$	150A	Si	A317b0
66#	DC1525F	S	3000M	2.0G-4.0G		1.0	7.0			5.5	1.5	3500	500m\$	150A	Si	P30
67#	DC1525G	S	3000M	2.0G-4.0G		1.0	6.5			5.0	1.5	3500	500m\$	150A	Si	P30
68#	DC1525H	S	3000M	2.0G-4.0G		1.0	6.0			4.5	1.5	3500	500m\$	150A	Si	P30
69	HP5082-2520	S	3000M	2.0G-8.0G		7.0	1.0m				2.0	100-250	4.0 \$	125J	Si	A1ah0
70	HP5082-2565	S	3000M	2.0G-8.0G		6.0	1.0m				1.5	100-250	4.0 \$	125J	Si	A1ah0
71	MA40000	S	3000M			7.0						150-450				P9a
72	MA40001	S	3.0G	2.6G-3.95G		6.5		16			1.8	200-400	10	150A	Si	F1070
73	MA40002	S	3.0G	2.6G-3.95G		6.0		16			1.6	200-400	10	150A	Si	F1070
74	MA40003	S	3.0G	2.6G-3.95G		5.5		16			1.6	200-400	10	150A	Si	F1070
75	1N21B	S	3060M				.50m	100	400	6.5		300-700	2.0	150A	Si	P30
76	1N21C	S	3060M		1.5		.50m	100	400	5.5		300-700	2.0	150A	Si	P30
77	1N21D	S	3060M		1.3		.50m	100	400	5.0		325-475	2.0	150A	Si	P30
78	1N21E	S	3060M			7.0	.50m	100	400		1.3	350-450	5.0	150A	Si	P30
79	1N21F	S	3060M			6.0	.50m	100	400		1.3	350-450	5.0	150A	Si	P30
80	1N21G	S	3060M			5.5	.50m	100	400		1.3	350-450	5.0	150S	Si	DO22
81	1N21WD	S	3060M		1.5	7.3	.50m	100	400	5.0	1.5	325-475	2.0	150S	Si	P3as
82	1N21WE	S	3060M		1.5	7.0	.50m	100	400	5.5	1.3	350-450	2.0	150A	Si	P3as0
83	JAN1N21WE,WEM,WEMR	S	3060M		1.5	7.0	500u	100	400	5.5	1.3	350-450	2.0	150A	Si	P3d
84	1N21WF	S	3060M			6.0	.50m	100	400		1.3	350-450	5.0	150S	Si	P3as
85	1N21WG	S	3060M			5.5	.50m	100	400		1.3	350-450	5.0	150S	Si	P3as
86	JAN1N21WG,WGM,WGMR	S	3060M		1.5	5.5	500u	100	400	5.5	1.3	350-450	2.0	150A	Si	P3d
87	1N416B	S	3080M		2.0		.50m	100	400	6.5		300-700	2.0	150A	Si	P30
88	1N416C	S	3080M		1.5		.50m	100	400	5.5		300-700	2.0	150A	Si	P30
89	1N416D	S	3080M		1.3		.50m	100	400	5.0		325-475	2.0	150A	Si	P30
90	1N416E	S	3080M			7.0	.50m	100	400		1.3	350-450	5.0	150A	Si	P30
91	1N416F	S	3080M			6.0	.50m	100	400		1.3	350-450	5.0	150S	Si	DO23
92	1N416G	S	3080M			5.5	.50m	100	400		1.3	350-450	5.0	150S	Si	DO23
93	1N831	S	3080M				.50m	100	400					150A	Si	A196b
94	1N831A	S	3080M			7.0	.50m	100	400					150A	Si	A196b
95	JAN1N831A	S	3080M	3.05G-3.06G	1.5											