New Jersey Semi-Conductor Products, Inc.

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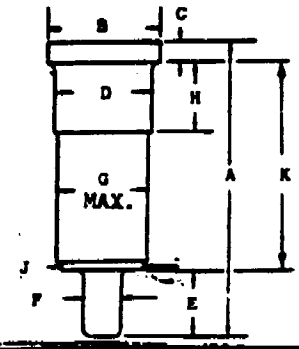
Microwave Diodes



	A	B	C	D	E	F	G	H	J	K
P3	.600 .940	.292 .296	.052	.246 .250	.180 .190	.092 .094	.240	.193 .199	.196 .225	.620 .650

Notes

L C – Conversion Loss
N R – Noise Ratio
P R F – Max. RF Power
V B – Breakdown Voltage
* – Overall Noise Factor
** – Reversed polarity
R – Reversible (double ended)

GERMANIUM JUNCTION STUD MOUNTED HALF WAVE RECTIFIERS

GJ3M, 200 p.i.v.	400/800 mA DC ..	0.40
GJ5M, 300 p.i.v.	400/800 mA DC ..	0.40
GJ6M, 150 p.i.v.	400/800 mA ..	0.40
GJ7M, 80 p.i.v.	500/1000 mA ..	0.40

Note Higher figure of DC current is for Heat Sink mounting.

SILICON REFERENCE DIODES

SZT19 : 5.3 to 5.9 V; Temperature coefficient less than .001% per degree C. at Zenner current of 5 mA. Power dissipation 300 mW 2.50

Type	CV No.	Frequency mc/s	Lc db	NR times	PRF mW	Price £	Type	CV No.	Frequency mc/s	Lc db	NR times	PRF mW	Price £
1N21B	367	3000	6.5	2.0	375	0.30	CS10BR**		12,000		8.5*		3.50
1N21C	3525	3060	5.5	1.5		0.75	CS34B	See 1N23B					
1N23		9375	10	3.0		0.30	CS36A	See 1N25					
1N23A	749	9375	8	2.8		0.20	CS37A	See 1N21B					
1N23B	5002	9375	6.5	2.7	325	0.60	CV101		6000		14.0*	VB = 1.4	0.25
1N23BR**		9375	6.5	2.7	325	0.65	CV102		6000		14.0*	VB = 4.5	0.25
1N23C	5012	9375	6.0	2.0		0.75	CV111		12,000		14.0*	VB = 1.4	0.40
1N23CR**		9375	6.0	2.0	325	0.75	CV112		12,000		14.0*	VB = 4.5	0.40
1N23E		9375	6.0	1.4		1.50	CV291		6000				0.65
1N23WE		9375	6.0	1.4	R	4.00	CV2226		12,000		13.0*		4.00
1N25	2916	1000	8.0	2.5	750	0.75	CV2258		12,000				4.25
1N28	2918	3060	7.0	2.0		1.00	GEM1	8503	12,000		7.5*	3 Watts	4.00
CS2A	103	6000				0.70	GEM3	7108	12,000		8.5*	3 Watts	3.50
CS3A	253	10,000	8.0	13.6*		1.00	GEM4**	7109	12,000		8.5*	3 Watts	3.50
CS3B	1844	12,000		12.0		0.90	SIM2	2154	12,000		10.5*		2.00
CS4B		12,000				1.90	SIM5**	2155	12,000		10.5*		2.00
CS9B		12,000		10.0*		1.50	VX3136	2391	34,860		16.5*		3.25
CS10B		9375	8.5	8.5*		3.50	VX4185	7181	12,000			100	8.00

Quality Semi-Conductors