



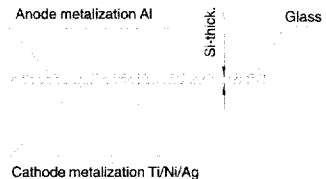
## Low Leakage Fast Recovery Epitaxial Diodes

Preliminary data

Type	$V_{max}$	$I_{FSM}$	$I_{SM}$	$I_{SM}$		$V_{SM}$		$V_{SM}$	$r_{th(j-c)}$	$I_{SM} \cdot P_{SM}$		Chips per Water
	V	$\mu A$	mA	A	A	V	A	V	m $\Omega$	A	KW	
DWLP 4-02	200	50	0.2	1.2	10	0.9	5	0.82	14.5	19	3.0	1243
DWLP 8-03	300	60	0.25	1.8	10	1.12	6	0.86	35	16	2.5	1028
DWLP 15-03	300	100	0.5	1.8	25	1.10	12	0.86	16.7	28	1.6	626
DWLP 23-03	300	250	1.0	1.8	50	1.15	30	0.86	7.9	53	0.9	340
DWLP 55-03	300	650	2.5	1.8	100	1.08	60	0.86	3.1	106	0.5	142
DWLP 75-03	300	1000	4.0	1.8	200	1.09	100	0.86	1.9	143	0.4	92
DWLP 8-06	600	60	0.25	2.5	10	1.25	6	0.92	41.4	15	2.5	1028
DWLP 15-06	600	100	0.5	2.5	25	1.24	12	0.92	19.6	26	1.6	626
DWLP 23-06	600	250	1.0	2.5	50	1.30	30	0.92	9.3	49	0.9	340
DWLP 55-06	600	650	2.5	2.5	100	1.20	60	0.92	3.6	98	0.5	142
DWLP 75-06	600	1000	4.0	2.5	200	1.22	100	0.92	2.3	131	0.4	92
DWLP 8-12	1200	60	0.25	6	10	1.69	6	1.17	54.5	13	2.5	1028
DWLP 15-12	1200	100	0.5	6	25	1.67	12	1.17	26.1	22	1.6	626
DWLP 23-12	1200	250	1.0	6	50	1.75	30	1.17	12.4	41	0.9	340
DWLP 55-12	1200	650	2.5	6	100	1.63	60	1.17	4.8	82	0.5	142
DWLP 75-12	1200	1000	4.0	6	200	1.64	100	1.17	3	109	0.4	92

### Dimensions in mm

Type	A mm	B mm	C mm	D mm	E mm
DWLP 4	3.00	1.80	2.10	0.90	0.25
DWLP 8	3.60	1.80	2.70	0.90	0.25
DWLP 15	3.25	3.25	2.25	2.25	0.20
DWLP 23	5.50	3.50	4.50	2.50	0.20
DWLP 55	8.65	4.95	7.65	3.95	0.20
DWLP 75	8.91	7.22	7.91	6.22	0.20
Tolerance	-0.1	-0.1	+0.1	+0.1	+0.1



### Dimensions in inch

Type	A inch	B inch	C inch	D inch	E inch
DWLP 4	0.118	0.071	0.083	0.035	0.010
DWLP 8	0.142	0.071	0.106	0.035	0.010
DWLP 15	0.128	0.128	0.089	0.089	0.008
DWLP 23	0.217	0.138	0.177	0.098	0.008
DWLP 55	0.341	0.195	0.301	0.301	0.008
DWLP 75	0.351	0.284	0.311	0.245	0.008
Tolerance	-0.004	-0.004	+0.004	+0.004	+0.004

