New Jersey Semi-Conductor Products, Inc.

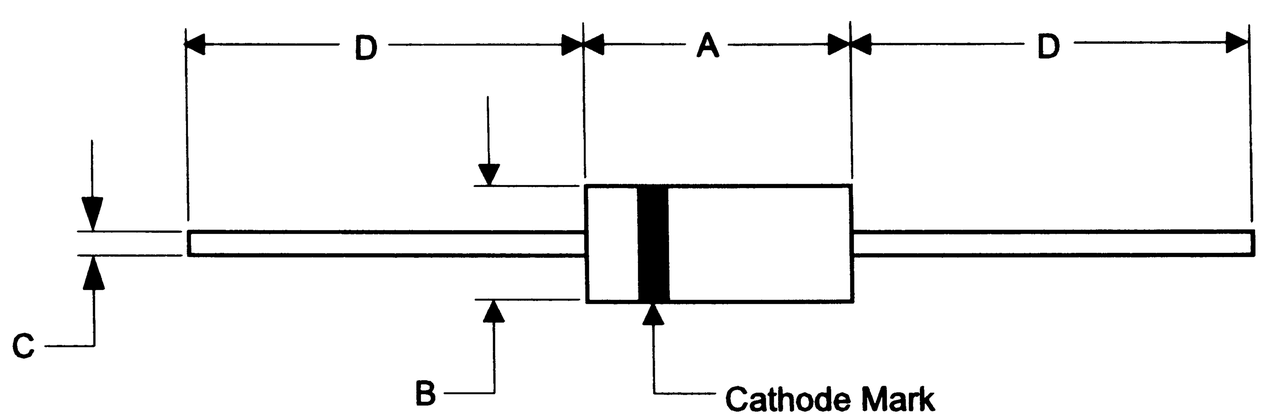
20 STERN AVE.
SPRINGFIELD, NEW JERSEY 07081
U.S.A.

TELEPHONE: (973) 376-2922
(212) 227-6005
FAX: (973) 376-8960

LVA REGULATOR DIODES
LVA450A - LVA498A

PART NUMBER	NOMINAL VOLTAGE @ 250 µA	MAX ZENER IMPEDANCE @ 250 µAdc	MAX REVERSE LEAKAGE Ir @ Vr (µAdc)	(Vdc)	MAX REGULATION FACTOR ΔVz (Vdc)	Izh (mAdc)	IzL (µAdc)	TYPICAL TC @ 250µAdc MV/ °C	MAX NOISE DENSITY @ 250 µA
LVA450A	5.0	700	10.0	4.00	0.40	1.0	100	0.75	1
LVA453A	5.3	250	5.0	4.24	0.20	1.0	100	1.33	1
LVA456A	5.6	100	1.0	4.48	0.10	1.0	50	1.96	1
LVA459A	5.9	100	0.5	4.72	0.10	1.0	10	2.30	1
LVA462A	6.2	100	0.1	4.96	0.10	1.0	10	2.67	1
LVA465A	6.5	100	0.05	5.20	0.10	1.0	10	3.06	1
LVA468A	6.8	100	0.01	5.44	0.10	1.0	10	3.40	1
LVA471A	7.1	175	0.01	5.68	0.10	1.0	10	3.76	1
LVA474A	7.4	175	0.01	5.92	0.10	1.0	10	4.07	1
LVA477A	7.7	175	0.01	6.16	0.10	1.0	10	4.47	1
LVA480A	8.0	175	0.01	6.40	0.10	1.0	10	4.80	1
LVA483A	8.3	175	0.01	6.64	0.10	1.0	10	5.15	1
LVA486A	8.6	175	0.01	6.88	0.10	1.0	10	5.50	1
LVA489A	8.9	175	0.01	7.12	0.10	1.0	10	5.87	2
LVA492A	9.2	175	0.01	7.36	0.10	1.0	10	6.16	2
LVA495A	9.5	175	0.01	7.60	0.10	1.0	10	6.46	2
LVA498A	9.8	175	0.01	7.84	0.10	1.0	10	6.86	2

Forward Voltage (Vf)	@ If = 200 mAdc	1.5 Vdc
Noise Density (Nd)	@ Iz = 250 µAdc	1.0 µV / √Hz
Power Dissipation (Pd)	@ Ta = 25° C	400 mW
Operating Temperature (Topr)		-65 to + 175° C
Storage Temperature (Tstg)		-65 to + 200° C
Voltage Tolerance:	Standard Device	±0.20 Vdc



DIMENSIONS					
	INCHES		MM		
DIM	MIN	MAX	MIN	MAX	NOTE
A	——	.300	——	7.62	
B	——	.107	——	2.72	Ø
C	.018	.022	0.46	0.56	Ø
D	1.000	—	25.40	—	