



**1WATT ZENER DIODES/MELF DL-41**

OPERATING/STORAGE TEMPERATURE -65°C to +200°C

Device Type	Nominal Zener Voltage V <sub>Z</sub> @ I <sub>ZT</sub>	Test Current I <sub>ZT</sub>	Maximum Zener Impedance		I <sub>ZK</sub>	Maximum Reverse Leakage Current		Max. Surge Current 8.3 ms I <sub>ZS</sub>	Maximum Regulator Current I <sub>ZM</sub>
			Z <sub>ZT</sub> @ I <sub>ZT</sub>	Z <sub>ZK</sub> @ I <sub>ZK</sub>		I <sub>R</sub>	@ V <sub>R</sub>		
	Volts	mA	Ohms	Ohms	mA	μA	Volts	mA	mA
DL4731A DL4732A	4.3 4.7	58 53	↓ 9.0 8.0	400 500	1.0 1.0	10 10	1.0 1.0	1085 965	217 193
DL4733A DL4734A DL4735A DL4736A DL4737A	5.1 5.6 6.2 6.8 7.5	49 45 41 37 34	7.0 5.0 2.0 3.5 4.0	550 600 700 700 700	1.0 1.0 1.0 1.0 0.5	10 10 10 10 10	1.0 2.0 3.0 4.0 5.0	890 810 730 660 605	178 162 146 133 121
DL4738A DL4739A DL4740A DL4741A DL4742A	8.2 9.1 10 11 12	31 28 25 23 21	4.5 5.0 7.0 8.0 9.0	700 700 700 700 700	0.5 0.5 0.25 0.25 0.25	10 10 10 5.0 5.0	6.0 7.0 7.6 8.4 9.1	550 500 454 414 380	110 100 91 83 76
DL4743A DL4744A DL4745A DL4746A DL4747A	13 15 16 18 20	19 17 15.5 14 12.5	10 14 16 20 22	700 700 700 750 750	0.25 0.25 0.25 0.25 0.25	5.0 5.0 5.0 5.0 5.0	9.9 11.4 12.2 13.7 15.2	344 304 285 250 225	69 61 57 50 45
DL4748A DL4749A DL4750A DL4751A DL4752A	22 24 27 30 33	11.5 10.5 9.5 8.5 7.5	23 25 35 40 45	750 750 750 1000 1000	0.25 0.25 0.25 0.25 0.25	5.0 5.0 5.0 5.0 5.0	16.7 18.2 20.6 22.8 25.1	205 190 170 150 135	41 38 34 30 27
DL4753A DL4754A DL4755A DL4756A DL4757A	36 39 43 47 51	7.0 6.5 6.0 5.5 5.0	50 60 70 80 95	1000 1000 1500 1500 1500	0.25 0.25 0.25 0.25 0.25	5.0 5.0 5.0 5.0 5.0	27.4 29.7 32.7 32.7 38.8	125 115 110 95 90	25 23 22 19 18
DL4758A DL4759A DL4760A DL4761A DL4762A	56 62 68 75 82	4.5 4.0 3.7 3.3 3.0	110 125 150 175 200	2000 2000 2000 2000 3000	0.25 0.25 0.25 0.25 0.25	5.0 5.0 5.0 5.0 5.0	42.6 47.1 51.7 56.0 62.2	80 70 65 60 55	16 14 13 12 11
DL4763A DL4764A	91 100	2.8 2.5	250 350	3000 3000	0.25 0.25	5.0 5.0	69.2 76.0	50 45	10 9

NOTE: Suffix "A" Indicates ± 5% Tolerance.

**1 WATT ZENER DIODES/MELF DL-41**

OPERATING/STORAGE TEMPERATURE -55°C to +175°C

Type	Normal Zener Voltage @ I <sub>ZT</sub>	Dynamic Impedance				Maximum Reverse Current		Max. Zener Current
	V <sub>Z</sub> (V)	I <sub>ZT</sub> (mA)	Z <sub>ZT</sub> (Ohms)	I <sub>ZK</sub> (mA)	Z <sub>ZK</sub> (Ohms)	V <sub>R</sub> (V)	I <sub>R</sub> (μA)	mA
DLZ100B	100	5.0	600	.25	5000	75	0.5	7
DLZ120B	120	5.0	850	.25	5000	90	0.5	6
DLZ150B	150	5.0	1150	.25	5000	115	0.5	5
DLZ180B	180	5.0	2200	.25	5000	140	0.5	4

NOTE: Suffix "B" Indicates ± 5% Tolerance.