

Surface Mount Dual Zener Diodes

350mW Dual Zener Diodes/SOT23

Type Number	Marking Code	Zener Voltage Range*	Maximum Zener Impedance				Typical Temperature Coefficient	Maximum Reverse Leakage Current	
			$Z_{ZT} @ I_{ZT}$		$Z_{ZK} @ I_{ZK}$			$I_R @ V_R$	V_R
			Ohms	mA	Ohms	mA			
DZ23-C2V7	V1	2.5-2.9	100	E	600	1	-0.065	20	1
DZ23-C3	V2	2.8-3.2	100	E	600	1	-0.060	10	1
DZ23-C3V3	V3	3.1-3.5	95	E	600	1	-0.055	5	1
DZ23-C3V6	V4	3.4-3.8	95	E	600	1	-0.055	5	1
DZ23-C3V9	V5	3.7-4.1	90	E	600	1	-0.050	3	1
DZ23-C4V3	V6	4.0-4.6	90	E	600	1	-0.035	3	1
DZ23-C4V7	V7	4.4-5.0	80	E	500	1	-0.015	3	2
DZ23-C5V1	V8	4.8-5.4	60	E	480	1	+0.005	2	2
DZ23-C5V6	V9	5.2-6.0	40	E	400	1	+0.020	1	2
DZ23-C6V2	V10	5.8-6.6	10	E	150	1	+0.030	3	4
DZ23-C6V8	V11	6.4-7.2	15	E	80	1	+0.045	2	4
DZ23-C7V5	V12	7.0-7.9	15	E	80	1	+0.050	1	5
DZ23-C8V2	V13	7.7-8.7	15	E	80	1	+0.055	0.7	5
DZ23-C9V1	V14	8.5-9.6	15	E	100	1	+0.065	0.5	6
DZ23-C10	V15	9.4-10.6	20	E	150	1	+0.065	0.2	7
DZ23-C11	V16	10.4-11.6	20	E	150	1	+0.070	0.1	8
DZ23-C12	V17	11.4-12.7	25	E	150	1	+0.075	0.1	8
DZ23-C13	V18	12.4-14.1	30	E	170	1	+0.080	0.1	8
DZ23-C15	V19	13.8-15.6	30	E	200	1	+0.080	0.05	$0.7V_{Znom}$
DZ23-C16	V20	15.3-17.1	40	E	200	1	+0.090	0.05	$0.7V_{Znom}$
DZ23-C18	V21	16.8-19.1	45	E	225	1	+0.090	0.05	$0.7V_{Znom}$
DZ23-C20	V22	18.8-21.2	55	E	225	1	+0.090	0.05	$0.7V_{Znom}$
DZ23-C22	V23	20.8-23.3	55	E	250	1	+0.090	0.05	$0.7V_{Znom}$
DZ23-C24	V24	22.8-25.6	70	E	250	1	+0.090	0.05	$0.7V_{Znom}$
DZ23-C27	V25	25.1-28.9	80	2	300	0.5	+0.090	0.05	$0.7V_{Znom}$
DZ23-C30	V26	28-32	80	2	300	0.5	+0.090	0.05	$0.7V_{Znom}$
DZ23-C33	V27	31-35	80	2	325	0.5	+0.090	0.05	$0.7V_{Znom}$
DZ23-C36	V28	34-38	90	2	350	0.5	+0.090	0.05	$0.7V_{Znom}$
DZ23-C39	V29	37-41	130	2	350	0.5	+0.110	0.05	$0.7V_{Znom}$
DZ23-C43	V30	40-46	150	2	375	0.5	+0.110	0.05	$0.7V_{Znom}$
DZ23-C47	V31	44-50	170	2	375	0.5	+0.110	0.05	$0.7V_{Znom}$
DZ23-C51	V32	48-54	180	2	400	0.5	+0.110	0.05	$0.7V_{Znom}$

* Measured with pulses $t_p = 5$ ms.

OPERATING/STORAGE TEMPERATURE $-55^{\circ}C$ to $+150^{\circ}C$

The parameters are valid for both diodes in one case. ΔV_Z and ΔZ_{ZT} of the two diodes in one case is $\leq 5\%$.

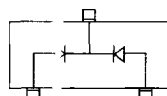


FIG. 2

TOP VIEW