

**ELECTRICAL CHARACTERISTICS** ($T_{amb} = 25\text{ }^{\circ}\text{C}$, unless otherwise specified)

PART NUMBER	ZENER VOLTAGE RANGE			TEST CURRENT	REVERSE LEAKAGE CURRENT		DYNAMIC RESISTANCE		TEMPERATURE COEFFICIENT OF ZENER VOLTAGE	
	V_Z at I_{ZT1}			I_{ZT1}	I_R at V_R		Z_Z at I_{ZT1}		TK_{VZ} at I_{ZT1}	
	V			mA	μA	V	Ω		% / K	
	MIN.	NOM.	MAX.		MAX.		TYP.	MAX.	MIN.	MAX.
BZG03C10	9.4	10	10.6	50	10	7.5	2	4	0.05	0.09
BZG03C11	10.4	11	11.6	50	4	8.2	4	7	0.05	0.1
BZG03C12	11.4	12	12.7	50	3	9.1	4	7	0.05	0.1
BZG03C13	12.4	13	14.1	50	2	10	5	10	0.05	0.1
BZG03C15	13.8	15	15.6	50	1	11	5	10	0.05	0.1
BZG03C16	15.3	16	17.1	25	1	12	6	15	0.06	0.11
BZG03C18	16.8	18	19.1	25	1	13	6	15	0.06	0.11
BZG03C20	18.8	20	21.2	25	1	15	6	15	0.06	0.11
BZG03C22	20.8	22	23.3	25	1	16	6	15	0.06	0.11
BZG03C24	22.8	24	25.6	25	1	18	7	15	0.06	0.11
BZG03C27	25.1	27	28.9	25	1	20	7	15	0.06	0.11
BZG03C30	28	30	32	25	1	22	8	15	0.06	0.11
BZG03C33	31	33	35	25	1	24	8	15	0.06	0.11
BZG03C36	34	36	38	10	1	27	21	40	0.06	0.11
BZG03C39	37	39	41	10	1	30	21	40	0.06	0.11
BZG03C43	40	43	46	10	1	33	24	45	0.07	0.12
BZG03C47	44	47	50	10	1	36	24	45	0.07	0.12
BZG03C51	48	51	54	10	1	39	25	60	0.07	0.12
BZG03C56	52	56	60	10	1	43	25	60	0.07	0.12
BZG03C62	58	62	66	10	1	47	25	80	0.08	0.13
BZG03C68	64	68	72	10	1	51	25	80	0.08	0.13
BZG03C75	70	75	79	10	1	56	30	100	0.08	0.13
BZG03C82	77	82	87	10	1	62	30	100	0.08	0.13
BZG03C91	85	91	96	5	1	68	60	200	0.09	0.13
BZG03C100	94	100	106	5	1	75	60	200	0.09	0.13
BZG03C110	104	110	116	5	1	82	80	250	0.09	0.13
BZG03C120	114	120	127	5	1	91	80	250	0.09	0.13
BZG03C130	124	130	141	5	1	100	110	300	0.09	0.13
BZG03C150	138	150	156	5	1	110	130	300	0.09	0.13
BZG03C160	158	160	171	5	1	120	150	350	0.09	0.13
BZG03C180	168	180	191	5	1	130	180	400	0.09	0.13
BZG03C200	188	200	212	5	1	150	200	500	0.09	0.13
BZG03C220	208	220	233	2	1	160	350	750	0.09	0.13
BZG03C240	228	240	256	2	1	180	400	850	0.09	0.13
BZG03C270	251	270	289	2	1	200	450	1000	0.09	0.13

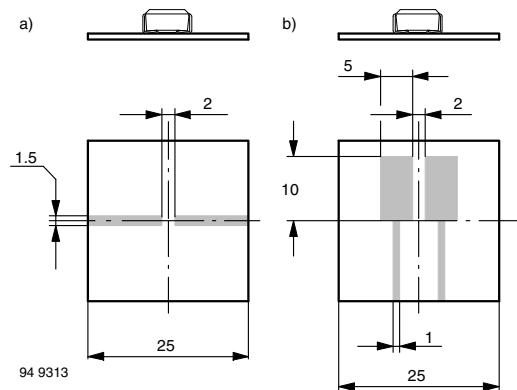
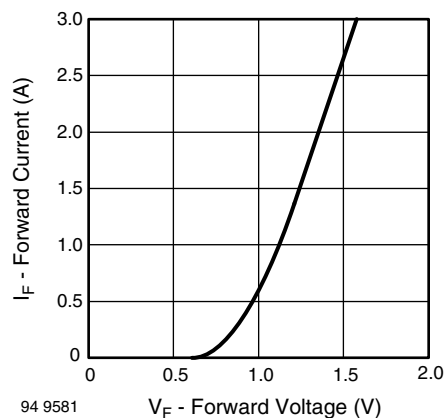
BASIC CHARACTERISTICS ($T_{amb} = 25\text{ }^{\circ}\text{C}$, unless otherwise specified)

Fig. 1 - Boards for R_{thJA} Definition (Copper Overlay 35 μ)


Fig. 3 - Forward Current vs. Forward Voltage

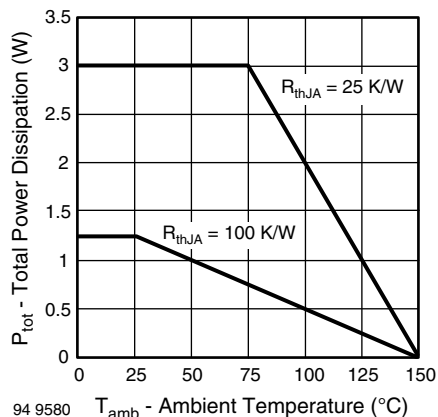


Fig. 2 - Total Power Dissipation vs. Ambient Temperature

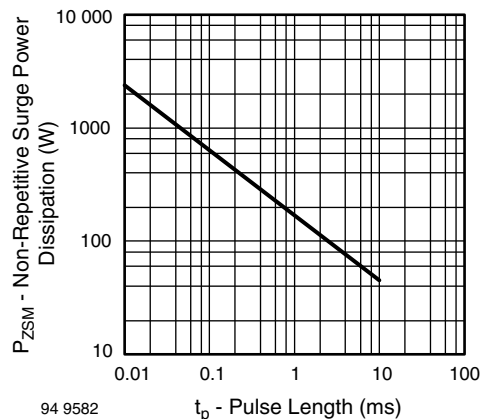


Fig. 4 - Non Repetitive Surge Power Dissipation vs. Pulse Length

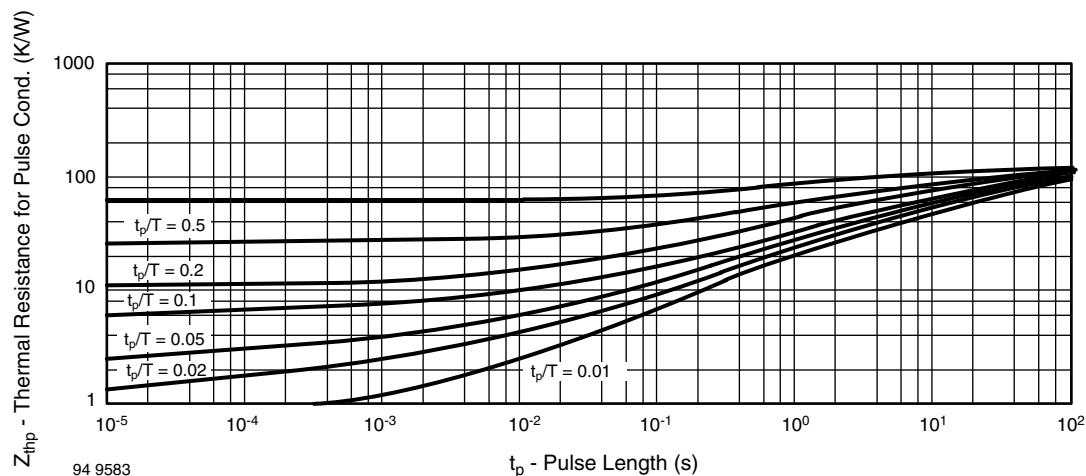
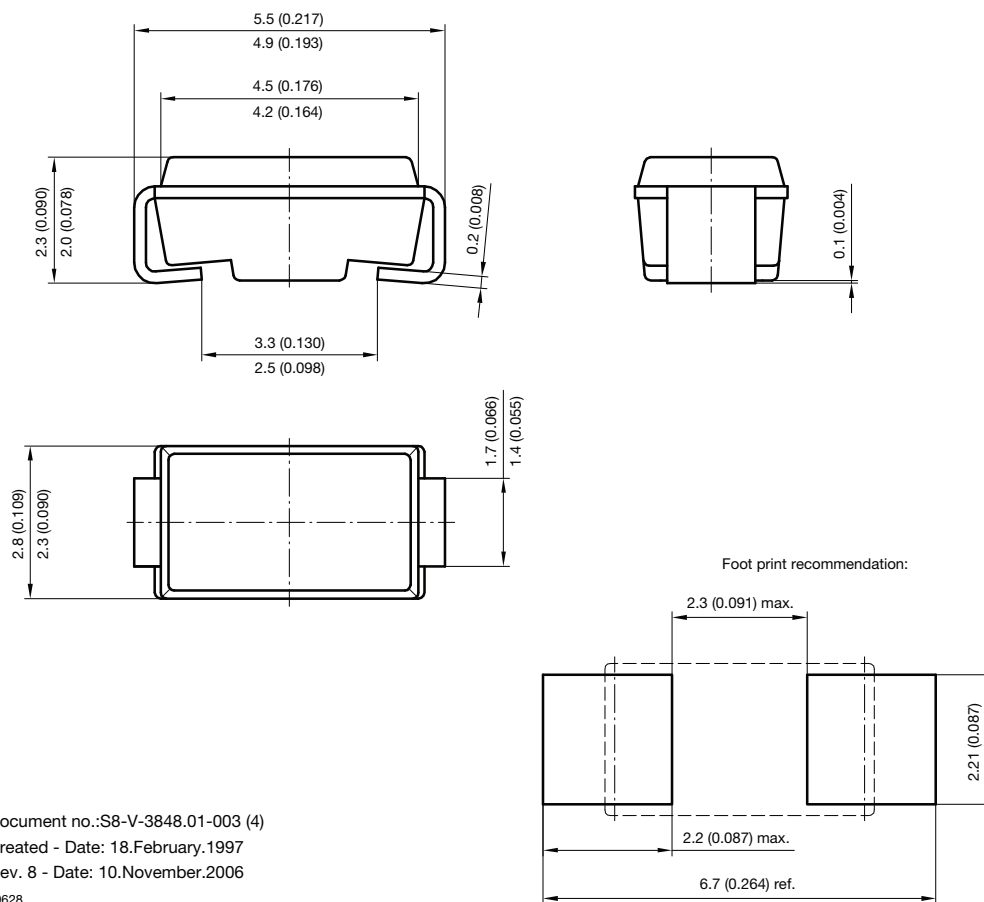


Fig. 5 - Thermal Response



PACKAGE DIMENSIONS in millimeters (inches): **DO-214AC**



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