

ZENERSMA**2W SMD ZENER**

Type	Mark.	V _{ZT} @ I _{zT} *		r _{ZT} @ I _{zT}	I _{zT} *	R _{ZK} @ I _{zK}		αV _Z	I _R @ V _R		I _{zM} T _j = 115°C max	I _{ZSM} ** max	Package
		max	min	max		max		typ	max				
		(V)	(V)	(Ω)	(mA)	(Ω)	(mA)	(10 ⁻⁴ /°C)	(μA)	(V)	(A)	(A)	

2 W/T_{lead} = 115° T_j max = 175°C**V_F ≤ 1.2 V (T_A = 25°C, I_F = 0.5 A)**

SM2Z5V1	ZHK	4.8	5.4	5	100	350	2	1	5	1	370	7.8	<u>SMA</u>
SM2Z5V6	ZHL	5.2	6	2	100	250	2	2.5	5	1	330	7.1	
SM2Z12	ZHW	11.4	12.7	7	50	150	1	6.5	1	9.1	155	3.3	
SM2Z15	ZHZ	13.8	15.6	10	50	150	1	7	1	11.4	130	2.7	
SM2Z18	ZJF	16.8	19.1	15	25	150	1	7.5	0.5	13.7	105	2.2	
SM2Z24	ZJL	22.8	25.6	15	25	180	1	8	0.5	18.2	78	1.6	
SM2Z27	ZJN	25.1	28.9	15	25	200	1	8.5	0.5	20.5	69	1.4	
SM2Z30	ZJQ	28	32	15	25	250	1	8.5	0.5	22.8	62	1.1	
SM2Z36	ZJS	34	38	40	10	350	1	8.5	0.5	27.4	52	0.9	
SM2Z47	ZJV	44	50	45	10	600	1	9	0.5	35.7	40	0.7	
SM2Z150	ZKR	138	156	300	5	4000	0.5	9.5	0.5	114	12.8	0.15	
SM2Z200	ZKW	188	212	350	5	6000	0.5	9.5	0.5	152	9.4	0.12	

* Pulse test t_p ≤ 50 ms δ < 2%.** Rectangular waveform (t_p = 10 ms)



F126

2W AXIAL ZENER

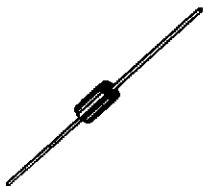
Type	V _{ZT} @ I _{ZT} *		r _{ZT} @ I _{ZT}	I _{ZT} *	αV _Z	I _R @ V _R		I _{ZM} T _A = 55°C	I _{ZSM} **	Package
	min	max	max		typ	max			max	
	(V)	(V)	(Ω)	(mA)	(10 ⁻⁴ °C)	(μA)	(V)	(A)	(A)	

2 W/T_A = 55° T_j max = 175°C**P_δ (10ms) = 60 W V_F ≤ 1.2 V (T_A = 25°C, I_F = 0.5 A)**

BZV47C11	10.4	11.6	7	50	6	1	8.3	170	3.6	F126
BZV47C12	11.4	12.7	7	50	6.5	1	9.1	155	3.3	
BZV47C13	12.4	14.1	10	50	6.5	1	9.9	140	3	
BZV47C15	13.8	15.6	10	50	7	1	11.4	130	2.7	
BZV47C18	16.8	19.1	15	25	7.5	0.5	13.7	105	2.2	
BZV47C20	18.8	21.2	15	25	7.5	0.5	15.2	94	2	
BZV47C22	20.8	23.3	15	25	8	0.5	16.7	86	1.8	
BZV47C24	22.8	25.6	15	25	8	0.5	18.2	78	1.7	
BZV47C27	25.1	28.9	15	25	8.5	0.5	20.5	69	1.5	
BZV47C30	28	32	15	25	8.5	0.5	22.8	62	1.3	
BZV47C36	34	38	40	10	8.5	0.5	27.4	52	1.1	
BZV47C47	44	50	45	10	9	0.5	35.7	40	0.85	
BZV47C68	64	72	80	10	9	0.5	51.7	27	0.59	
BZV47C100	94	106	200	5	9	0.5	76	18	0.4	
BZV47C150	138	156	300	5	9.5	0.5	114	12.8	0.27	
BZV47C200	188	212	350	5	9.5	0.5	152	9.4	0.2	

* Pulse test t_p ≤ 50 ms δ < 2%.** Rectangular waveform (t_p = 10 ms)

ZENER



CB417

5W AXIAL ZENER

Type	V _{ZT} @ I _{ZT} *	I _{ZT} *	r _{ZT} @ I _{ZT}	r _{ZK} @ I _{ZK}	I _R @ V _R		αV _Z	I _{ZM} T _A = 75°C max	I _{ZSM} **	ΔV _Z ***	Package
	nom		max		max		typ			max	
	(V)	(mA)	(Ω)	(Ω)	(μA)	(V)	(10 ⁻⁴ /°C)	(mA)	(A)	(V)	

5 W/T_A = 75° T_j max = 200°C

1N5339B	5.6	220	1	400	1	2	2.5	865	13.1	0.25	CB417
1N5341B	6.2	200	1	200	1	3	3.2	765	11.8	0.1	
1N5342B	6.8	175	1	200	10	5.2	4	700	10.8	0.15	
1N5343B	7.5	175	1.5	200	10	5.7	435	630	9.8	0.15	
1N5349B	12	100	2.5	125	2	9.1	6.5	395	10.1	0.25	
1N5352B	15	75	2.5	75	1	11.5	7	315	8.1	0.25	
1N5353B	16	75	2.5	75	1	12.2	7	295	7.6	0.3	
1N5355B	18	65	2.5	75	0.5	13.7	7.5	264	6.7	0.4	
1N5359B	24	50	3.5	100	0.5	18.2	8	198	5	0.55	
1N5361B	27	50	5	120	0.5	30.6	8.5	176	4.5	0.6	
1N5363B	30	40	8	140	0.5	22.8	8.5	158	4	0.6	
1N5364B	33	40	10	150	0.5	25.1	8.5	144	3.7	0.6	
1N5365B	36	30	11	160	0.5	27.4	98	132	3.4	0.65	
1N5366B	39	30	14	170	0.5	29.7	9	122	3.1	0.65	
1N5383B	150	8	330	1500	0.5	114	9.5	31.6	0.81	3.0	
1N5388B	200	5	480	1850	0.5	152	10	23.6	0.6	5.0	

* Pulse test t_p ≤ 50 ms δ < 2%.

** Rectangular waveform (t_p = 10 ms)

*** Measured between 10% and 50% of I_{ZM}

Tolerance on nominal V_{ZT} vale: ± 5%