Electrical Characteristics @ 25°C Unless Otherwise Specified,V_F=1.2 V max , I_F=200 mA for all types

MCC Part Number	Zener Voltage			Maximum Zener Impedance		Maximum Zener Impedance		Reverse Current		Maximum Zener Current (Note 2)	Marking Code
	V_Z @ I_{ZT}			I_{ZT}	Z_{ZT}	I_{ZK}	Z_{ZK}	I_R(Max)	V_R	I_{ZM}	
	Min.(V)	Nom(V)	Max.(V)	mA	Ω	mA	Ω	μA	V	mA	
SMAZ5V1	4.84	5.10	5.40	100	5.0	1.0	500	2.5	1.0	196	Z5V1
SMAZ5V6	5.32	5.60	5.88	100	2.0	2.0	250	5.0	2.0	179	Z5V6
SMAZ6V2	5.89	6.20	6.51	100	2.0	2.0	200	5.0	3.0	161	Z6V2
SMAZ6V8	6.46	6.80	7.14	100	2.0	1.0	200	5.0	4.0	147	Z6V8
SMAZ7V5	7.13	7.50	7.88	100	2.0	1.0	450	5.0	5.0	133	Z7V5
SMAZ8V2	7.79	8.20	8.61	100	2.0	1.0	200	5.0	6.0	122	Z8V2
SMAZ9V1	8.65	9.10	9.56	50	4.0	1.0	200	5.0	7.0	110	Z9V1
SMAZ10	9.50	10.00	10.50	50	4.0	1.0	200	1.0	7.6	100	Z10
SMAZ12	11.40	12.00	12.60	50	7.0	1.0	150	1.0	9.1	83	Z12
SMAZ15	14.25	15.00	15.75	50	10.0	1.0	150	1.0	11.4	67	Z15
SMAZ16	15.20	16.00	16.80	25	15.0	1.0	150	0.5	12.2	63	Z16
SMAZ18	17.10	18.00	18.90	25	15.0	1.0	150	0.5	13.7	56	Z18
SMAZ20	19.00	20.00	21.00	25	15.0	1.0	180	0.5	15.2	50	Z20
SMAZ22	20.90	22.00	23.10	25	15.0	1.0	180	0.5	16.7	45	Z22
SMAZ24	22.80	24.00	25.20	25	15.0	1.0	180	0.5	18.2	42	Z24
SMAZ27	25.65	27.00	28.35	25	15.0	1.0	200	0.5	20.5	37	Z27
SMAZ30	28.50	30.00	31.50	25	15.0	1.0	250	0.5	22.8	33	Z30
SMAZ33	31.35	33.00	34.65	25	15.0	1.0	300	0.5	25.1	30	Z33
SMAZ36	34.20	36.00	37.80	10	40.0	1.0	350	0.5	27.4	28	Z36
SMAZ39	37.05	39.00	40.95	10	40.0	1.0	450	0.5	29.6	26	Z39

Notes: 2.Device mounted on FR-4 PCB, 1 inch x0.85 inch x 0.062 inch

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Curve Characteristics

Fig. 1 - Power Derating Curve

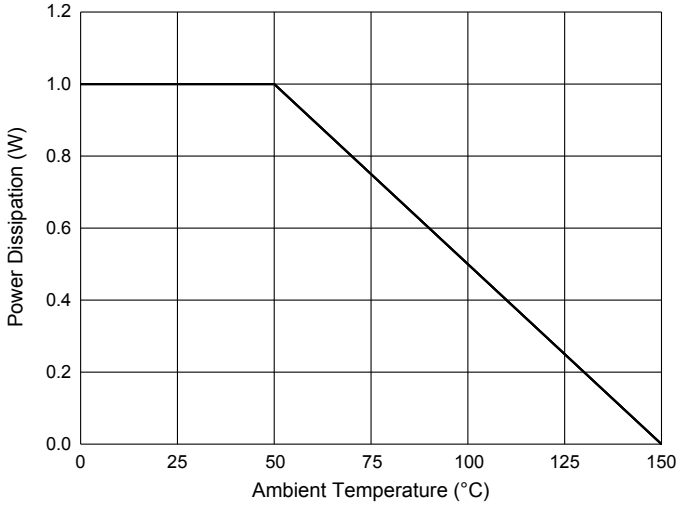


Fig. 2 - Typical Zener Breakdown Characteristics

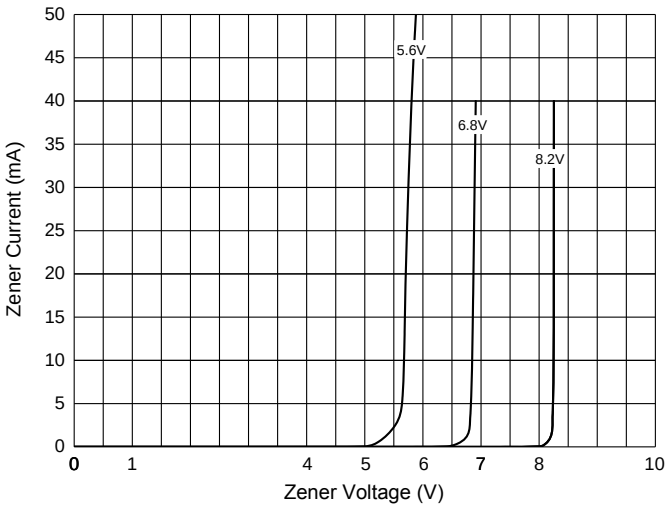
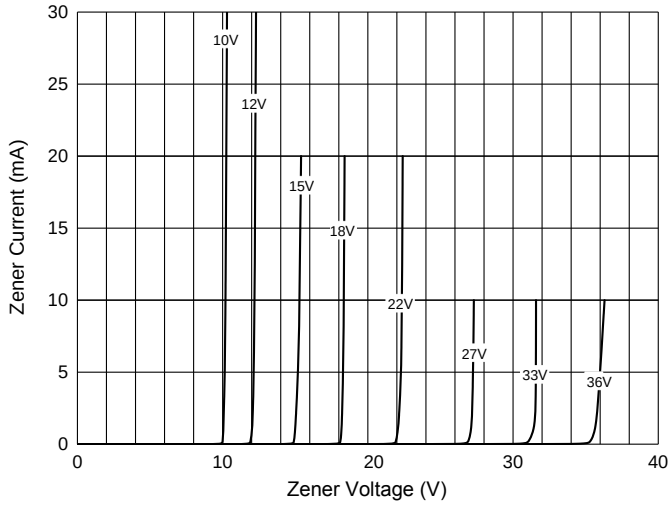


Fig. 3 - Typical Zener Breakdown Characteristics



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Ordering Information

Device	Packing
Part Number-TP	Tape&Reel:7.5Kpcs/Reel

Note : Adding "-HF" Suffix For Halogen Free, eg. Part Number-TP-HF

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