SOD-123
Zener Diode in a SOD-123 Plastic Package.

500mW SOD-123
Design for 500mW SOD-123 surface mount. HF Product.

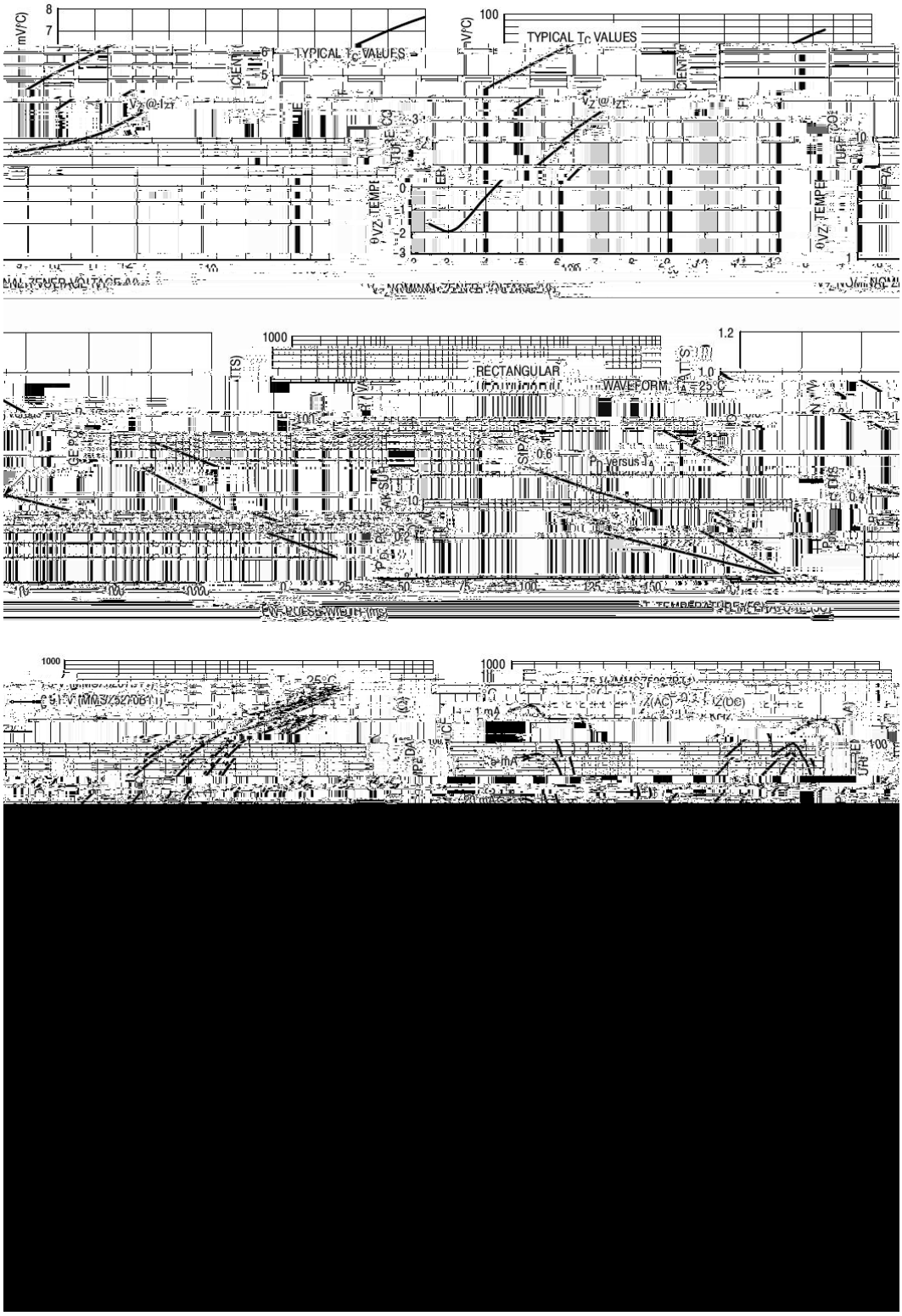
1.8V-43V 500mW
Wide zener reverse voltage range 1.8V-43V,Maximum P_D

Parameter	Symbol	Rating	Unit
Power Dissipation	P_D	500	mW
Typical Thermal Resistance Junction to Ambient	$R_{\theta JA}$	340	/W
Typical Thermal Resistance Junction to Lead	$R_{\theta JL}$	150	/W
Junction and Storage Temperature Range	T_j, T_{stg}	-55	

/ Electrical Characteristics(Ta=25)

Device	Device Marking	Zoner Voltage				Leakage Current	
		V_z(Volts)			I_{zT}	I_R@V_R	
		Min	Nom	Max	uA	uA	Volts
MMSZ4698	HDF	10.45	11	11.55	50	0.05	8.4
MMSZ4699	HDH	11.40	12	12.60	50	0.05	9.1
MMSZ4700	HDJ	12.35	13	13.65	50	0.05	9.8
MMSZ4701	HDK	13.30	14	14.70	50	0.05	10.6
MMSZ4702	HDM	14.25	15	15.75	50	0.05	11.4
MMSZ4703	HDN	15.20	16	16.80	50	0.05	12.1
MMSZ4704	HDP	16.15	17	17.85	50	0.05	12.9
MMSZ4705	HDT	17.10	18	18.90	50	0.05	13.6
MMSZ4706	HDU	18.05	19	19.95	50	0.05	14.4
MMSZ4707	HDV	19.00	20	21.00	50	0.01	15.2
MMSZ4708	HDA	20.90	22	23.10	50	0.01	16.7
MMSZ4709	HDX	22.80	24	25.20	50	0.01	18.2
MMSZ4710	HDY	23.75	25	26.25	50	0.01	19.0
MMSZ4711	HEA	25.65	27	28.35	50	0.01	20.4
MMSZ4712	HEC	26.60	28	29.40	50	0.01	21.2
MMSZ4713	HED	28.50	30	31.50	50	0.01	22.8
MMSZ4714	HEE	31.35	33	34.65	50	0.01	25.0
MMSZ4715	HEF	34.20	36	37.80	50	0.01	27.3
MMSZ4716	HEH	37.05	39	40.95	50	0.01	29.6
MMSZ4717	HEJ	40.87	43	45.15	50	0.01	32.6

/ Electrical Characteristic Curve



/ Marking Instructions

H

CC

Note:

H: Company Code.

CC: Product Type.