

DO-7 GLASS													
6.2 V		9.0 V						11.7 V					
TEMPERATURE RANGE (°C)													
-55, 0, 25 75, 100		0, 25, 75		-55, 0, 25 75, 100		-55, 0, 25 75, 100, 150		0,25, 75		-55, 25 75, 100		-55, 0, 25 75, 100, 150	
Max ΔVZ mV		Max ΔVZ mV		Max ΔVZ mV		Max ΔVZ mV		Max ΔVZ mV		Max ΔVZ mV		Max ΔVZ mV	
1N821	96	1N936	67	1N935A	139	1N935B	184	1N941	88	1N941A	181	1N941B	239
1N823	48	1N936	33	1N936A	69	1N936B	92	1N942	44	1N942A	90	1N942B	120
1N826	19	1N937	13	1N937A	27	1N937B	37	1N943	18	1N943A	36	1N943B	47
1N827	9	1N938	6	1N938A	13	1N938B	18	1N944	9	1N944A	18	1N944B	24
1N829	5	1N939	3	1N939A	9	1N939B	9	1N945	4	1N945A	9	1N945B	12
ULTRA STABLE, PRECISION REFERENCE DIODES													
Non Suffix = 15 Ohms		6.2 Volt						8.4 Volt					
A Suffix = 10 Ohms		MZ605	5 PPM	MZ620	20 PPM	MZ805	5 PPM	MZ820	20 PPM	MZ610	10 PPM	MZ640	40 PPM
		MZ610	10 PPM	MZ640	40 PPM	MZ810	10 PPM	MZ840	40 PPM				

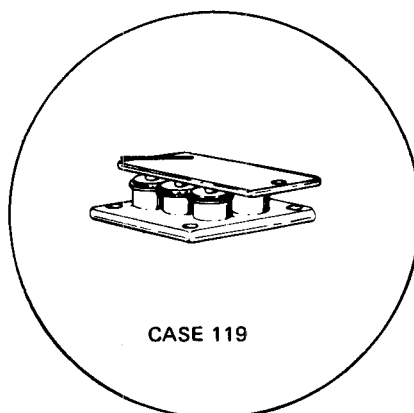
Power Transcient Suppressors

Motorola Power Transient Suppressors protect voltage sensitive devices and circuits which may be in danger of destruction by high energy voltage transients.

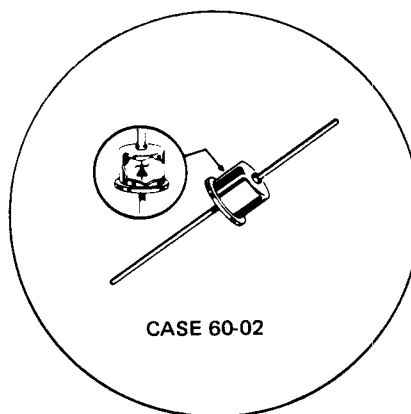
Standard factory available types cover most requirements for protection.

Suppressors to meet specific needs can be designed by paralleling cells. Non-standard options such as special voltages can be supplied-consult your Motorola Sales Office or nearest Distributor.

Cases



CASE 119



CASE 60-02

V _R Operating Voltage		I _R Reverse Current at V _R Nom μA	V _Z Breakdown Volt @ I _{ZT} mA		Clamping Factor CF=V _Z at I _Z V _Z at I _{ZT}		V _F Forward Voltage @ I _F Amp		Device Type	Case
Nom Vdc	V(RMS)		Min. Volts		Max.	I _Z (pulse)	Volts			
14	10	50	16	0.4	1.25	200	1.5	10	MPZ5-16A	119
14	10	50	16	0.4	1.25	200	1.5	10	MPZ5-16B	119
28	20	50	32	0.2	1.25	100	1.5	10	MPZ5-32A	119
28	20	50	32	0.2	1.25	100	1.5	10	MPZ5-32B	119
28	20	50	32	0.2	1.25	100	1.5	10	MPZ5-32C	119
165	117	50	180	0.03	1.14	20	1.5	10	MPZ5-180A	119
165	117	50	180	0.03	1.14	20	1.5	10	MPZ5-180B	119
165	117	50	180	0.03	1.14	20	1.5	10	MPZ5-180C	119
V _Z Clamping Voltage @ Max. Volts I _{pp} Amp										
30.5	21.5	5.0	33	1.0	47.5	32	2.0	100	MZ5555	60-02
40.3	28.5	5.0	43.7	1.0	63.5	24	2.5	100	MZ5556	60-02
49	34.5	5.0	54	1.0	78.5	19	2.8	100	MZ5557	60-02
175	124	5.0	191	1.0	265	5.7	3.5	100	MZ5558	60-02