

Product Overview

MMSZ52: Zener Diode 500 mW SOD-123

[For complete documentation, see the data sheet.](#)

Three complete series of Zener diodes are offered in the convenient, surface mount plastic SOD-123 package. These devices provide a convenient alternative to the leadless 34-package style.

Features

- 500 mW Rating on FR-4 or FR-5 Board
- Wide Zener Reverse Voltage Range - 2.4 V to 110 V
- Package Designed for Optimal Automated Board Assembly
- Small Package Size for High Density Applications
- General Purpose, Medium Current
- ESD Rating of Class 3 (exceeding 16 kV) per the Human Body Model

Mechanical Characteristics:

- CASE: Void-free, transfer-molded, thermosetting plastic case
- FINISH: Corrosion resistant finish, easily solderable
- MAXIMUM CASE TEMPERATURE FOR SOLDERING PURPOSES: 260°C for 10 Seconds
- POLARITY: Cathode indicated by polarity band

For more features, see the data sheet

Product	Compliance	Status	V _Z Typ (V)	P Max (W)	Package Type
MMSZ5221BT1G	Pb-free	Active	2.4	0.5	SOD-123
	Halide free				
MMSZ5222BT1G	Pb-free	Active	2.5	0.5	SOD-123
	Halide free				
MMSZ5225BT1G	Pb-free	Active	3	0.5	SOD-123
	Halide free				
MMSZ5226BT1G	Pb-free	Active	3.3	0.5	SOD-123
	Halide free				
MMSZ5226CT1G	Pb-free	Active	3.3	0.5	SOD-123
	Halide free				
MMSZ5227BT1G	Pb-free	Active	3.6	0.5	SOD-123
	Halide free				
MMSZ5228BT1G	Pb-free	Active	3.9	0.5	SOD-123
	Halide free				
MMSZ5229BT1G	Pb-free	Active	4.3	0.5	SOD-123
	Halide free				
MMSZ5230BT1G	Pb-free	Active	4.7	0.5	SOD-123
	Halide free				
MMSZ5231BT1G	Pb-free	Active	5.1	0.5	SOD-123
	Halide free				
MMSZ5231BT3G	Pb-free	Active	5.1	0.5	SOD-123
	Halide free				
MMSZ5231CT1G	Pb-free	Active	5.1	0.5	SOD-123
	Halide free				
MMSZ5232BT1G	Pb-free	Active	5.6	0.5	SOD-123
	Halide free				
MMSZ5232CT1G	Pb-free	Active	5.6	0.5	SOD-123
	Halide free				
MMSZ5233BT1G	Pb-free	Active	6	0.5	SOD-123
	Halide free				
MMSZ5234BT1G	Pb-free	Active	6.2	0.5	SOD-123
	Halide free				
MMSZ5235BT1G	Pb-free	Active	6.8	0.5	SOD-123
	Halide free				
MMSZ5235BT3G	Pb-free	Active	6.8	0.5	SOD-123
	Halide free				
MMSZ5236BT1G	Pb-free	Active	7.5	0.5	SOD-123
	Halide free				
MMSZ5237BT1G	Pb-free	Active	8.2	0.5	SOD-123
	Halide free				
MMSZ5238BT1G	Pb-free	Active	8.7	0.5	SOD-123
	Halide free				
MMSZ5239BT1G	Pb-free	Active	9.1	0.5	SOD-123
	Halide free				
MMSZ5240BT1G	Pb-free	Active	10	0.5	SOD-123
	Halide free				
MMSZ5240BT3G	Pb-free	Active	10	0.5	SOD-123
	Halide free				
MMSZ5241BT1G	Pb-free	Active	11	0.5	SOD-123
	Halide free				
MMSZ5242BT1G	Pb-free	Active	12	0.5	SOD-123
	Halide free				
MMSZ5242BT3G	Pb-free	Active	12	0.5	SOD-123
	Halide free				

MMSZ5243BT1G	Pb-free	Active	13	0.5	SOD-123
	Halide free				
MMSZ5244BT1G	Pb-free	Active	14	0.5	SOD-123
	Halide free				
MMSZ5245BT1G	Pb-free	Active	15	0.5	SOD-123
	Halide free				
MMSZ5245CT1G	Pb-free	Active	15	0.5	SOD-123
	Halide free				
MMSZ5246BT1G	Pb-free	Active	16	0.5	SOD-123
	Halide free				
MMSZ5247BT1G	Pb-free	Active	17	0.5	SOD-123
	Halide free				
MMSZ5247BT3G	Pb-free	Active	17	0.5	SOD-123
	Halide free				
MMSZ5248BT1G	Pb-free	Active	18	0.5	SOD-123
	Halide free				
MMSZ5248BT3G	Pb-free	Active	18	0.5	SOD-123
	Halide free				
MMSZ5248CT1G	Pb-free	Active	18	0.5	SOD-123
	Halide free				
MMSZ5249BT1G	Pb-free	Active	19	0.5	SOD-123
	Halide free				
MMSZ5250BT1G	Pb-free	Active	20	0.5	SOD-123
	Halide free				
MMSZ5250CT1G	Pb-free	Active	20	0.5	SOD-123
	Halide free				
MMSZ5251BT1G	Pb-free	Active	22	0.5	SOD-123
	Halide free				
MMSZ5252BT1G	Pb-free	Active	24	0.5	SOD-123
	Halide free				
MMSZ5253BT1G	Pb-free	Active	25	0.5	SOD-123
	Halide free				
MMSZ5254BT1G	Pb-free	Active	27	0.5	SOD-123
	Halide free				
MMSZ5255BT1G	Pb-free	Active	28	0.5	SOD-123
	Halide free				
MMSZ5256BT1G	Pb-free	Active	30	0.5	SOD-123
	Halide free				
MMSZ5257BT1G	Pb-free	Active	33	0.5	SOD-123
	Halide free				
MMSZ5258BT1G	Pb-free	Active	36	0.5	SOD-123
	Halide free				
MMSZ5258BT3G	Pb-free	Active	36	0.5	SOD-123
	Halide free				
MMSZ5258CT1G	Pb-free	Active	36	0.5	SOD-123
	Halide free				
MMSZ5259BT1G	Pb-free	Active	39	0.5	SOD-123
	Halide free				
MMSZ5260BT1G	Pb-free	Active	43	0.5	SOD-123
	Halide free				
MMSZ5261BT1G	Pb-free	Active	47	0.5	SOD-123
	Halide free				
MMSZ5262BT1G	Pb-free	Active	51	0.5	SOD-123
	Halide free				

MMSZ5263BT1G	Pb-free	Active	56	0.5	SOD-123
	Halide free				
MMSZ5264BT1G	Pb-free	Active	60	0.5	SOD-123
	Halide free				
MMSZ5265BT1G	Pb-free	Active	62	0.5	SOD-123
	Halide free				
MMSZ5266BT1G	Pb-free	Active	68	0.5	SOD-123
	Halide free				
MMSZ5266BT3G	Pb-free	ProductPre view	68	0.5	SOD-123
MMSZ5267BT1G	Pb-free	Active	75	0.5	SOD-123
	Halide free				
MMSZ5268BT1G	Pb-free	Active	82	0.5	SOD-123
	Halide free				
MMSZ5270BT1G	Pb-free	Active	91	0.5	SOD-123
	Halide free				
MMSZ5272BT3G	Pb-free	Active	110	0.5	SOD-123
	Halide free				

For more information please contact your local sales support at www.onsemi.com.

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