

## MTSVAR0805 Series SMD Varistors - 0805 Size

Webpage



Sample kit



Buy Online



Support



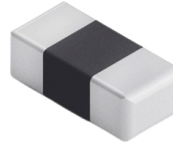
Tools



### Features

- High Reliability
- EMI/RFI attenuation
- Multi-strike capability
- High Current Handling
- High Energy Absorption (Load Dump)
- Operating temperature: -55°C ~ +125°C

### Product Image

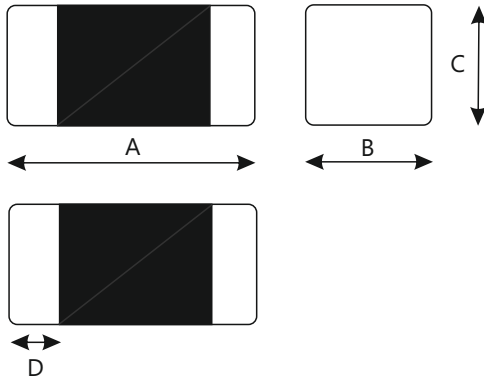


\*Displayed image is only for reference purpose, original product may vary.

### Applications

- Sensors
- Module load dump protection
- CAN, LIN, FLEXRAY based modules
- Motor/Inductive load transient suppression
- Protection of Components and Circuits Sensitive to ESD Transients occurring on Power supplies, Control and Signal Line

### Dimensions



A (mm)	B (mm)	C (mm)	D (mm)
2.0 ± 0.2	1.2 ± 0.2	0.9 ± 0.2	0.5 ± 0.2

### Electrical Specifications

Part Number	Working voltage		Varistor voltage @1mA DC		Maximum Clamping Voltage 8/20 μs 1A	Energy Absorb 10/1000 μs	Peak Current 8/20 μs	Typical Capacitance @1MHz
	DC (V)	AC (V)	VB	ΔVB	Volts	Joules	Amps	pF
MTSVAR08053R3	3.3	2.5	5	± 20%	14	0.3	120	600
MTSVAR08055R6	5.6	4	8	± 15%	19	0.3	120	550
MTSVAR08059R0	9	6.4	13	± 15%	30	0.3	120	450
MTSVAR0805120	12	8.5	18	± 15%	34	0.3	120	420
MTSVAR0805140	14	10	20	± 10%	35	0.3	120	400
MTSVAR0805180	18	12.7	25	± 10%	44	0.3	100	360
MTSVAR0805240	24	17	33	± 10%	58	0.3	100	300
MTSVAR0805260	26	18.4	36	± 10%	63	0.3	100	280
MTSVAR0805300	30	21.2	42	± 10%	74	0.3	100	220

NOTE:

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