

MTSVAR0603 Series SMD Varistors - 0603 Size

Webpage



Sample kit



Buy Online



Support



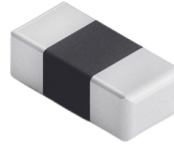
Tools



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

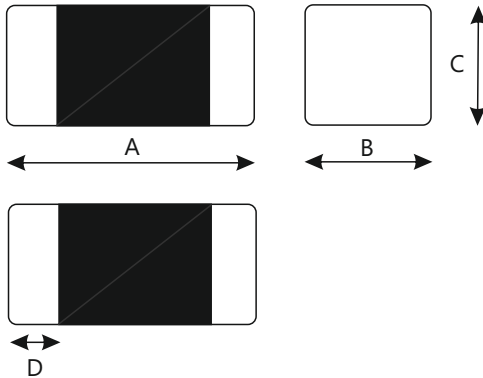


*Displayed image is only for reference purpose, original product may vary.

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)
1.60 ± 0.15	0.80 ± 0.15	0.80 ± 0.15	0.30 ± 0.20

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
MTSVAR06035R5	5.5	4	8	± 20%	16	0.1	30	280
MTSVAR06039R0	9	6.4	13	± 15%	20	0.1	30	240
MTSVAR0603140	14	10	20	± 15%	30	0.1	30	190
MTSVAR0603180	18	12.7	25	± 10%	40	0.1	30	170
MTSVAR0603220	22	15.6	30	± 10%	45	0.1	30	150
MTSVAR0603260	26	18.4	36	± 10%	54	0.1	30	120
MTSVAR0603300	30	21.2	42	± 10%	65	0.1	30	100

NOTE:

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