

TE PolySwitch Resettable Fuses



Products may be RoHS compliant.
Check mouser.com for RoHS status.

NANOSMD AUTOMOTIVE SERIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr. Part No.	Fig.	Max. Volt	Max. Current	Hold Current	Trip Current	Time to Trip (sec. @ A)	Dimensions: mm					Resistance Ω		Price Each			
							A	B	C	D	E	Min.	Max.	1	10	100	500
650—NANOASMD012F-2	B	48	10	0.12	0.39	.20 @ 1.0	3.40	1.00	1.80	0.75	0.076	1.4	6.5	.56	.43	.38	.35
650—NANOASMD016F-2	B	48	10	0.16	0.45	.30 @ 1.0	3.40	1.00	1.80	0.75	0.076	1.1	5.0	.56	.43	.38	.35
650—NANOASMD020F-2	B	24	100	0.2	0.42	.10 @ 8.0	3.40	1.00	1.80	0.75	0.076	0.65	3.1	.56	.43	.38	.35

MICROSMO AUTOMOTIVE SERIES

650—MICROASMD005F-2	B	30	10	0.05	0.15	1.5 @ .25	3.43	0.85	2.80	0.75	0.076	3.6	50	.64	.50	.44	.40
650—MICROASMD010F-2	B	30	10	0.1	0.25	1.0 @ .50	3.43	0.85	2.80	0.75	0.076	2.1	15	.64	.50	.44	.40

MINISMD AUTOMOTIVE SERIES

650—MINIASMD014F-2	B	60	10	0.14	0.28	.008 @ 8.0	4.73	0.89	3.41	0.95	0.20	1.5	6.0	.58	.45	.40	.36
650—MINIASMD020F-2	B	30	10	0.2	0.4	.02 @ 8.0	4.73	0.89	3.41	0.95	0.20	0.6	3.3	.58	.45	.40	.36
650—MINIASMD0110F/24	B	24	20	1.1	2.2	.50 @ 8.0	4.83	1.46	3.41	0.95	0.20	0.06	0.18	.74	.57	.51	.46
650—MINIASMD0150F/24	B	24	20	1.5	3	1.5 @ 8.0	4.83	1.94	3.41	0.95	0.20	0.04	0.12	.74	.57	.51	.46
650—MINIASMD0075F/24	B	24	40	0.75	1.5	.30 @ 8.0	4.83	1.46	3.41	0.95	0.20	0.09	0.29	.74	.57	.51	.46
650—MINIASMD0050F-2	B	24	100	0.5	1.0	.15 @ 8.0	4.73	0.62	3.41	0.95	0.20	0.15	1.0	.58	.45	.40	.36
650—MINIASMD0110F/16	B	16	100	1.1	2.2	.30 @ 8.0	4.83	0.48	3.41	0.95	0.20	0.06	0.18	.64	.50	.44	.40
650—MINIASMD0125F/16	B	16	100	1.25	2.5	.40 @ 8.0	4.83	0.48	3.41	0.95	0.20	0.05	0.14	.64	.50	.44	.40
650—MINIASMD0260F/16	B	16	100	2.6	5	5.0 @ 8.0	4.83	1.52	3.41	0.95	0.20	0.015	0.05	.80	.62	.55	.50

POLYSWITCH FEMTOSMDC DEVICE

Features:

- Voltage rating up to 9V
- Fast time-to-trip
- Halogen Free
- 0603 Package

Applications:

- High frequency data ports
- Storage Devices
- Portable electronics
- Multimedia devices
- Gaming machines
- Mobile phones
- Automotive Peripherals

DIMENSIONS: mm (in.)

	MIN	MAX
A	1.40 (0.055)	1.80 (0.071)
B	0.35 (0.013)	0.75 (0.030)
C	0.60 (0.023)	1.00 (0.039)
D	0.10 (0.004)	0.50 (0.020)
E	0.075 (0.003)	-----

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	I _H (A)	I _T (A)	V _{max} (VDC)	I _{max} (A)	P _D max (W)	(A) (A)	(A) (s)	R _{min} (Ω)	R ₁ max (Ω)	Price Each			
										1	10	100	250
650-FEMTOSMDC016F	0.16	0.40	9	40	0.50	1.00	0.10	1.00	4.20	.42	.385	.35	.349

POLYMER ESD PROTECTOR

Features:

- Storage and Operating Temperature: -40°C - +85°C
- ESD Pulse Withstand: 100 pulses min., 500 pulses typ. (tested per IEC 61000-4-2, level 4, contact method)
- ESD Voltage Capability (tested per IEC 6100-4-2)
- Contact Discharge Mode: 8kV typ., 15kV max.
- Air Discharge Mode: 15kV typ., 25kV max.

Applications:

- Cellular Phones
- Antennas
- Portable Devices
- Printer Ports
- High Speed Ethernet
- DVI and HDMI Interfaces
- USB 2.0 and IEEE 1394 Interfaces

DIMENSIONS: mm (in.)

	MIN	MAX
A	5.95 (0.234)	6.25 (0.246)
B	1.96 (0.077)	2.36 (0.093)
C	0.97 (0.038)	1.73 (0.068)
D	2.34 (0.092)	2.64 (0.104)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Continuous Maximum Operating Voltage	Typical IEC Trigger Voltage	Typical IEC Clamping Voltage after 30ns	Typical TLP Trigger Voltage	Typical TLP Clamping Voltage after 30ns	Typical TLP Clamping Voltage after 60ns	Typical Capacitance @ 1 MHz, 1Vrms	Typical Leakage Current @ 6VDC	Maximum Leakage Current @ 6VDC	Price Each			
	VDC (V)	VT(IEC) (V)	VC(IEC) (V)	VC(TLP) (V)	VC(TLP 30) (V)	VC(TLP 60) (V)	Cp (pF)	IL(Typ) (μ A)	IL(MAX) (μ A)	1	10	100	500
650-PESD0603-240	14	350	30	320	75	65	0.25	<0.001	0.01	.16	.14	.137	.107

FAST ACTING SMD CHIP FUSES

DIMENSIONS: mm (in.)

Agency Approvals:

- UL File# E197536

Features:

- Small size with high current ratings
- Excellent temperature stability
- High reliability and resilience
- Strong arc suppression characteristics

Specifications:

- Monolithic, multilayer design
- Lead-free construction
- High temperature performance
- 55°C to +125°C operating range

1206 Series (3216mm)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Rated Current (A)	Voltage (V)	Price Each			
				1	10	100	500
650-1206SFF050F/63	1206SFF050F/63	0.50	63	.40	.32	.29	.27
650-1206SFF075F/63	1206SFF075F/63	0.75	63	.40	.32	.29	.27
650-1206SFF100F/63	1206SFF100F/63	1.00	63	.31	.305	.29	.22
650-1206SFF150F/63	1206SFF150F/63	1.50	63	.37	.33	.30	.263
650-1206SFF175F/63	1206SFF175F/63	1.75	63	.40	.32	.29	.263
650-1206SFF200F/63	1206SFF200F/63	2.00	32	.33	.324	.29	.22
650-1206SFF250F/32	1206SFF250F/32	2.50	32	.40	.32	.29	.263
650-1206SFF300F/32	1206SFF300F/32	3.00	32	.33	.29	.26	.22
650-1206SFF400F/32	1206SFF400F/32	4.00	32	.36	.32	.30	.26
650-1206SFF500F/32	1206SFF500F/32	5.00	24	.33	.324	.31	.22
650-1206SFF600F/24	1206SFF600F/24	6.00	24	.40	.32	.29	.27
650-1206SFF700F/24	1206SFF700F/24	7.00	24	.40	.32	.29	.27
650-1206SFF800F/24	1206SFF800F/24	8.00	24	.40	.32	.29	.27

VERY FAST ACTING SMD CHIP FUSES

NEW PRODUCT

DIMENSIONS: mm

	MIN	MAX
A	5.95 (0.234)	6.25 (0.246)
B	1.96 (0.077)	2.36 (0.093)
C	0.97 (0.038)	1.73 (0.068)
D	2.34 (0.092)	2.64 (0.104)

Features:

- Very fast acting at 200% overload current level
- Excellent inrush current withstanding capability
- High reliability and resilience
- Strong arc suppression characteristics
- Copper terminal with nickel and tin plated

Applications:

- Industrial equipment
- LCD/PDP TV
- Backlight inverter
- Power supplies
- Telecom system
- Networking
- Game systems
- White goods
- Automotive

Style 2410 (6125)

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MOUSER STOCK NO.	TE Part No.	Rated Current (A)	Voltage Rating (V) AC DC	Price Each			Reel Qty.	Price Per Piece
				1	10	100		
650-2410SFV050FM1252	2410SFV0.50FM/125-2	0.50	250 125	.84	.77	.62	2000	.39
650-2410SFV063FM1252	2410SFV0.63FM/125-2	0.63	250 125	.84	.77	.62	2000	.39
650-2410SFV075FM1252	2410SFV0.75FM/125-2	0.75	250 125	.84	.77	.62	2000	.39
650-2410SFV100FM1252	2410SFV1.00FM/125-2	1.00	250 125	.84	.77	.62	2000	.39
650-2410SFV125FM1252	2410SFV1.25FM/125-2	1.25	250 125	.84	.77	.62	2000	.36
650-2410SFV150FM1252	2410SFV1.50FM/125-2	1.50	250 125	.84	.77	.62	2000	.36
650-2410SFV200FM1252	2410SFV2.00FM/125-2	2.00	125 125	.84	.77	.62	2000	.36
650-2410SFV250FM1252	2410SFV2.50FM/125-2	2.50	125 125	.75	.688	.56	2000	.36
650-2410SFV300FM1252	2410SFV3.00FM/125-2	3.00	125 125	.75	.688	.56	2000	.36
650-2410SFV315FM1252	2410SFV3.15FM/125-2	3.15	125 125	.75	.688	.56	2000	.36
650-2410SFV350FM1252	2410SFV3.50FM/125-2	3.50	125 125	.75	.688	.56	2000	.36
650-2410SFV400FM1252	2410SFV4.00FM/125-2	4.00	125 125	.75	.688	.56	2000	.36
650-2410SFV500FM1252	2410SFV5.00FM/125-2	5.00	125 125	.75	.688	.56	2000	.36
650-2410SFV630FM1252	2410SFV6.30FM/125-2	6.30	125 125	.75	.688	.56	2000	.36
650-2410SFV700FM1252	2410SFV7.00FM/125-2	7.00	125 125	.75	.688	.56	2000	.36
650-2410SFV800FM1252	2410SFV8.00FM/125-2	8.00	125 125	.75	.688	.56	2000	.36
650-2410SFV120FM0652	2410SFV12.0FM/065-2	12.0	65 65	.75	.688	.56	2000	.37
650-2410SFV150FM0652	2410SFV15.0FM/065-2	15.0	65 65	.75	.688	.56	2000	.36
650-2410SFV200FM0652	2410SFV20.0FM/065-2	20.0	65 65	.75	.688	.56	2000	.36