

PolySwitch resettable devices protect electrical and electronic circuits against excessive current, voltage, and temperature. After switching, the PolySwitch device is latched into its high-resistance, protective state by the small, sustained self-heating current. The device will reset only after it has cooled and the fault condition has been corrected, thus avoiding continuous cycling that could cause circuit damage. The device requires no manual resetting or replacement.

**Definitions:** • **Maximum Voltage:** The highest voltage the device can withstand (in its tripped state) without damage. • **Hold Current:** The maximum continuous current that will not cause the device to trip at 20°C. • **Trip Current:** The minimum continuous current that will cause the device to trip at 20°C. • **Maximum Current:** The largest fault current, at rated voltage, the device can interrupt without being damaged. • **Maximum R:** Maximum non-tripped resistance of the device.

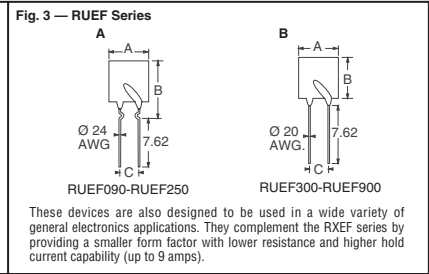
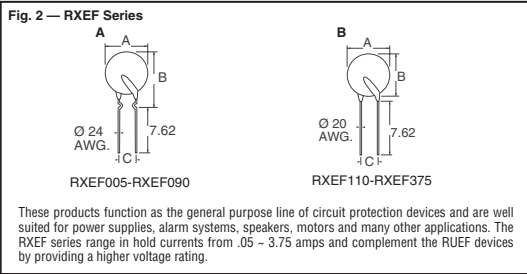
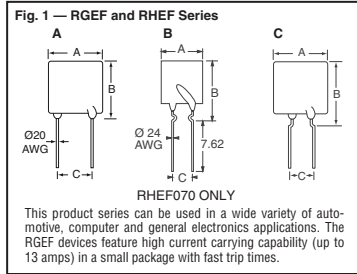


Fig.	Max. Volt.	Rated Current (20°C) (A)		Max. Current (A)	Initial Resistance		Recognized By	Dimensions — Inches (mm)				Digi-Key Part No.	Price Each			Raychem Part No.
		Hold	Trip		RMin. (Ω)	RMax. (Ω)		A	B	C (Max.)	1		10	100		
<b>RGEF Series — RoHS Compliant</b>																
1A	16	3.00	5.10	100	0.038	0.0653	UL, TUV, CSA	0.28 (7.1)	0.43 (11.0)	0.23 (5.8)	RGEF300-ND	.38	.36	.33	RGEF300	
	16	4.00	6.80	100	0.021	0.0393		0.35 (8.9)	0.50 (12.8)	0.23 (5.8)	RGEF400-ND	.41	.38	.35	RGEF400	
	16	5.00	8.50	100	0.015	0.0236		0.41 (10.4)	0.56 (14.3)	0.23 (5.8)	RGEF500-ND	.45	.41	.38	RGEF500	
	16	6.00	10.20	100	0.010	0.0191		0.42 (10.7)	0.67 (17.1)	0.23 (5.8)	RGEF600-ND	.47	.43	.40	RGEF600	
	16	7.00	11.90	100	0.0077	0.0134	0.44 (11.2)	0.78 (19.7)	0.23 (5.8)	RGEF700-ND	.49	.45	.41	RGEF700		
	16	8.00	13.60	100	0.0056	0.0116	0.50 (12.7)	0.82 (20.9)	0.23 (5.8)	RGEF800-ND	.54	.49	.45	RGEF800		
	16	9.00	15.30	100	0.0047	0.0093	0.55 (14.0)	0.85 (21.7)	0.23 (5.8)	RGEF900-ND	.54	.50	.46	RGEF900		
	16	10.00	17.00	100	0.0040	0.0072	0.65 (16.5)	0.99 (25.2)	0.23 (5.8)	RGEF1000-ND	.57	.52	.48	RGEF1000		
	16	11.00	18.70	100	0.0037	0.0063	0.69 (17.5)	1.02 (26.0)	0.23 (5.8)	RGEF1100-ND	.59	.54	.50	RGEF1100		
	16	12.00	20.40	100	0.0033	0.0060	0.69 (17.5)	1.10 (27.94)	0.43 (10.9)	RGEF1200-ND	.68	.62	.57	RGEF1200		
16	14.00	23.80	100	0.0026	0.0045	0.925 (23.5)	1.10 (27.94)	0.43 (10.9)	RGEF1400-ND	.78	.72	.66	RGEF1400			
<b>RHEF Series — RoHS Compliant</b>																
1B	30	0.7	1.40	40	0.300	0.546	UL, TUV, CSA	0.27 (6.86)	0.425 (10.8)	0.23 (5.8)	RHEF070-ND	.36	.33	.30	RHEF070	
	16	4.0	7.00	100	0.018	0.029	0.45 (11.4)	0.71 (18.0)	0.23 (5.8)	RHEF400-ND	.46	.42	.39	RHEF400		
1C	16	4.5	7.80	100	0.022	0.036	UL, TUV, CSA	0.41 (10.4)	0.61 (15.6)	0.23 (5.8)	RHEF450-ND	.48	.44	.40	RHEF450	
	16	6.0	10.80	100	0.013	0.022		0.44 (11.2)	0.83 (21.0)	0.23 (5.8)	RHEF600-ND	.52	.48	.44	RHEF600	
	16	7.5	13.10	100	0.0094	0.0153		0.55 (14.0)	0.93 (23.5)	0.23 (5.8)	RHEF750-ND	.57	.52	.48	RHEF750	
	16	10.0	18.50	100	0.0062	0.0105		0.69 (17.5)	1.04 (26.5)	0.43 (10.9)	RHEF1000-ND	.70	.64	.59	RHEF1000	
	16	13.0	24.00	100	0.0041	0.0069	0.925 (23.5)	1.13 (28.7)	0.43 (10.9)	RHEF1300-ND	.81	.74	.68	RHEF1300		
	16	15.0	28.00	100	0.0032	0.0061	0.925 (23.5)	1.13 (28.7)	0.43 (10.9)	RHEF1500-ND	.89	.82	.75	RHEF1500		
<b>RXEF Series — RoHS Compliant</b>																
2A	60	0.05	0.10	40	7.3	11.1	UL, TUV, CSA	0.32 (8.0)	0.33 (8.3)	0.23 (5.8)	RXEF005-ND	.28	.26	.24	RXEF005	
	60	0.10	0.20	40	2.5	4.50		0.29 (7.4)	0.46 (11.6)	0.23 (5.8)	RXEF010-ND	.28	.26	.24	RXEF010	
	60	0.10	0.20	40	2.5	4.50		0.29 (7.4)	0.46 (11.6)	0.23 (5.8)	RXEF010TR-ND†	518.36/3,000			RXEF010-2	
	60	0.17	0.34	40	3.3	5.21		0.29 (7.4)	0.50 (12.7)	0.23 (5.8)	RXEF017-ND	.28	.26	.24	RXEF017	
	72	0.20	0.40	40	1.83	2.75	0.29 (7.4)	0.46 (11.7)	0.23 (5.8)	RXEF020-ND	.28	.27	.24	RXEF020		
	72	0.25	0.50	40	1.83	2.75	0.29 (7.4)	0.46 (11.7)	0.23 (5.8)	RXEF020TR-ND†	518.36/3,000			RXEF020-2		
	72	0.30	0.60	40	1.25	1.95	0.29 (7.4)	0.50 (12.7)	0.23 (5.8)	RXEF025-ND	.29	.27	.24	RXEF025		
	72	0.40	0.80	40	0.88	1.33	0.29 (7.4)	0.50 (12.7)	0.23 (5.8)	RXEF030-ND	.29	.27	.25	RXEF030		
	72	0.40	0.80	40	0.55	0.86	0.30 (7.6)	0.53 (13.5)	0.23 (5.8)	RXEF040-ND	.31	.29	.27	RXEF040		
	72	0.40	0.80	40	0.55	0.86	0.30 (7.6)	0.53 (13.5)	0.23 (5.8)	RXEF040TR-ND†	555.39/3,000			RXEF040-2		
	72	0.50	1.00	40	0.50	0.77	0.31 (7.9)	0.54 (13.7)	0.23 (5.8)	RXEF050-ND	.32	.30	.27	RXEF050		
	72	0.50	1.00	40	0.50	0.77	0.31 (7.9)	0.54 (13.7)	0.23 (5.8)	RXEF050TR-ND†	592.42/3,000			RXEF050-2		
	72	0.65	1.30	40	0.31	0.48	0.37 (9.40)	0.57 (14.5)	0.23 (5.8)	RXEF065-ND	.32	.30	.27	RXEF065		
	72	0.75	1.50	40	0.25	0.40	0.40 (10.2)	0.60 (15.2)	0.23 (5.8)	RXEF075-ND	.33	.30	.28	RXEF075		
	72	0.75	1.50	40	0.25	0.40	0.40 (10.2)	0.60 (15.2)	0.23 (5.8)	RXEF075TR-ND†	592.42/3,000			RXEF075-2		
	72	0.90	1.80	40	0.20	0.31	0.44 (11.2)	0.62 (15.8)	0.23 (5.8)	RXEF090-ND	.33	.31	.28	RXEF090		
	72	1.10	2.20	40	0.15	0.25	0.50 (12.8)	0.69 (17.5)	0.23 (5.8)	RXEF110-ND	.33	.31	.28	RXEF110		
	72	1.10	2.20	40	0.15	0.25	0.50 (12.8)	0.69 (17.5)	0.23 (5.8)	RXEF110TR-ND†	301.76/1,500			RXEF110-2		
	2B	72	1.35	2.70	40	0.12	0.19	0.57 (14.5)	0.75 (19.1)	0.23 (5.8)	RXEF135-ND	.35	.32	.29	RXEF135	
		72	1.60	3.20	40	0.09	0.14	0.64 (16.3)	0.82 (20.8)	0.23 (5.8)	RXEF160-ND	.36	.33	.30	RXEF160	
72		1.85	3.70	40	0.08	0.12	0.69 (17.5)	0.88 (22.4)	0.23 (5.8)	RXEF185-ND	.38	.35	.32	RXEF185		
72		2.50	5.00	40	0.05	0.08	0.82 (20.8)	1.00 (25.4)	0.43 (10.9)	RXEF250-ND	.43	.39	.36	RXEF250		
72		3.00	6.00	40	0.04	0.06	0.94 (23.9)	1.13 (28.7)	0.43 (10.9)	RXEF300-ND	.46	.42	.39	RXEF300		
72		3.75	7.50	40	0.03	0.05	1.07 (27.2)	1.25 (31.8)	0.43 (10.9)	RXEF375-ND	.48	.44	.40	RXEF375		
<b>RUEF Series — RoHS Compliant</b>																
3A	30	0.90	1.80	40	0.070	0.12	UL, TUV, CSA	0.29 (7.4)	0.48 (12.2)	0.23 (5.8)	RUEF090-ND	.31	.29	.26	RUEF090	
	30	1.10	2.20	40	0.050	0.10		0.29 (7.4)	0.56 (14.2)	0.23 (5.8)	RUEF110-ND	.32	.29	.27	RUEF110	
	30	1.35	2.70	40	0.040	0.08		0.35 (8.9)	0.53 (13.5)	0.23 (5.8)	RUEF135-ND	.33	.30	.28	RUEF135	
	30	1.60	3.20	40	0.030	0.07		0.35 (8.9)	0.60 (15.2)	0.23 (5.8)	RUEF160-ND	.33	.31	.28	RUEF160	
	30	1.85	3.70	40	0.030	0.06		0.40 (10.2)	0.62 (15.7)	0.23 (5.8)	RUEF185-ND	.35	.32	.30	RUEF185	
	30	2.50	5.00	40	0.020	0.04		0.45 (11.4)	0.72 (18.3)	0.23 (5.8)	RUEF250-ND	.36	.33	.30	RUEF250	
3B	30	3.00	6.00	40	0.020	0.05	UL, TUV, CSA	0.45 (11.4)	0.68 (17.3)	0.23 (5.8)	RUEF300-ND	.38	.35	.32	RUEF300	
	30	4.00	8.00	40	0.010	0.03		0.55 (14.0)	0.79 (20.1)	0.23 (5.8)	RUEF400-ND	.41	.38	.34	RUEF400	
	30	5.00	10.00	40	0.010	0.03		0.55 (14.0)	0.98 (24.9)	0.43 (10.9)	RUEF500-ND	.44	.41	.38	RUEF500	
	30	6.00	12.00	40	0.005	0.02		0.65 (16.5)	0.98 (24.9)	0.43 (10.9)	RUEF600-ND	.48	.44	.40	RUEF600	
	30	7.00	14.00	40	0.005	0.02		0.75 (19.1)	1.05 (26.7)	0.43 (10.9)	RUEF700-ND	.51	.47	.43	RUEF700	
	30	8.00	16.00	40	0.005	0.013		0.85 (21.6)	1.15 (29.2)	0.43 (10.9)	RUEF800-ND	.53	.49	.44	RUEF800	
30	9.00	18.00	40	0.005	0.01	0.95 (24.1)	1.17 (29.7)	0.43 (10.9)	RUEF900-ND	.56	.52	.47	RUEF900			
<b>RTEF Series — RoHS Compliant</b>																
4	33	1.20	2.30	40	0.074	0.12	UL, TUV, CSA	0.29 (7.4)	0.48 (12.2)	0.23 (5.8)	RTEF120-ND	.34	.31	.29	RTEF120	
	33	1.35	2.50	40	0.059	0.10		0.29 (7.4)	0.56 (14.2)	0.23 (5.8)	RTEF135-ND	.35	.32	.30	RTEF135	
	33	1.90	3.00	40	0.045	0.083		0.35 (8.9)	0.53 (13.5)	0.23 (5.8)	RTEF190-ND	.37	.34	.31	RTEF190	

† Tape and Reel

Fig.	Operating Voltage	Rated Current (20°C) (A)		Maximum Interrupt Voltage	Maximum Interrupt Current	Initial Resistance		Recognized By	Dimensions — Inches (mm)				Digi-Key Part No.	Price Each			Raychem Part No.
		Hold	Trip			RMin. (Ω)	RMax. (Ω)		A	B	C (Max.)	D (Min.)		1	10	100	
<b>LVRL Line Voltage Series — RoHS Compliant</b>																	
5A	120 VAC	0.75	1.52	135 VAC	7.5A	0.25	0.40	UL, TUV, CSA	0.43 (10.9)	0.67 (17.0)	0.23 (5.8)	0.30 (7.6)	LVRL075S-ND	.44	.41	.38	LVRL075S
	120 VAC	1.00	2.00	135 VAC	10.0A	0.18	0.27		0.45 (11.5)	0.79 (20.1)	0.23 (5.8)	0.30 (7.6)	LVRL100S-ND	.56	.52	.47	LVRL100S
	120 VAC	1.25	2.50	135 VAC	12.5A	0.12	0.18		0.55 (14.0)	0.85 (21.7)	0.23 (5.8)	0.30 (7.6)	LVRL125S-ND	.62	.58	.53	LVRL125S
	120 VAC	1.35	2.70	135 VAC	13.5A	0.11	0.17		0.64 (16.3)	0.85 (21.7)	0.23 (5.8)	0.30 (7.6)	LVRL135S-ND	.62	.58	.53	LVRL135S
	120 VAC	2.00	4.20	135 VAC	20.0A	0.08	0.12		0.93 (23.5)	1.25 (31.8)	0.43 (10.9)	0.30 (7.6)	LVRL200S-ND	.87	.80	.73	LVRL200S

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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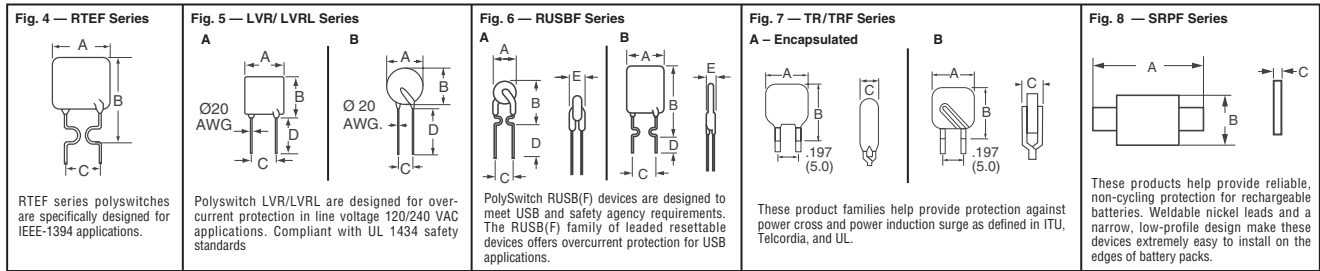


Fig.	Operating Voltage	Rated Current (20°C) (A)		Maximum Interrupt Voltage	Maximum Interrupt Current	Initial Resistance (Ω)		Recognized By	Dimensions – Inches (mm)				Digi-Key Part No.	Price Each		Raychem Part No.	
		Hold	Trip			RMin.	RMax.		A	B	C (Max.)	D (Min.)		1	100		
<b>LVR Line Voltage Series – RoHS Compliant</b>																	
5A	240 VAC	.25	.56	265 VAC	3.5A	1.3	2.1	UL, TUV, CSA	0.38 (9.6)	0.69 (17.4)	0.23 (5.8)	0.30 (7.6)	LVR025S-ND	.44	.40	.37	LVR025S
	240 VAC	.40	.90	265 VAC	5.5A	0.6	0.97		0.46 (11.5)	0.77 (19.5)	0.23 (5.8)	0.30 (7.6)	LVR040S-ND	.50	.46	.42	LVR040S
	240 VAC	.55	1.25	265 VAC	7.0A	0.45	0.73		0.55 (14.0)	0.85 (21.7)	0.23 (5.8)	0.30 (7.6)	LVR055S-ND	.52	.48	.44	LVR055S
	240 VAC	.75	1.5	265 VAC	7.5A	0.32	0.48		0.45 (11.5)	0.92 (23.4)	0.24 (6.1)	0.20 (5.1)	LVR075S-ND	.44	.41	.38	LVR075S
240 VAC	2.00	4.00	265 VAC	20.0A	0.09	0.18	0.98 (24.9)	1.33 (33.8)	0.45 (11.4)	0.20 (5.1)	LVR200S-ND	.87	.80	.73	LVR200S		
5B	240 VAC	.05	.12	265 VAC	1.0A	18.5	31.0	UL, TUV, CSA	0.27 (6.9)	0.39 (9.9)	0.23 (5.8)	0.30 (7.6)	LVR005NS-ND	.37	.34	.31	LVR005NS
	240 VAC	.08	.19	265 VAC	1.2A	7.4	12.0		0.28 (7.2)	0.40 (10.2)	0.23 (5.8)	0.30 (7.6)	LVR008NS-ND	.37	.34	.31	LVR008NS
	240 VAC	.12	.30	265 VAC	1.2A	3.0	6.5		0.33 (8.3)	0.43 (10.7)	0.23 (5.8)	0.30 (7.6)	LVR012S-ND	.37	.34	.31	LVR012S
	240 VAC	.16	.37	265 VAC	2.0A	2.5	4.1		0.39 (9.9)	0.50 (12.5)	0.23 (5.8)	0.30 (7.6)	LVR016S-ND	.39	.36	.33	LVR016S
240 VAC	1.00	2.00	265 VAC	10.0A	0.22	0.33	0.74 (18.7)	0.96 (24.4)	0.45 (11.4)	0.20 (5.1)	LVR100S-ND	.56	.52	.47	LVR100S		
240 VAC	1.25	2.50	265 VAC	12.5A	0.17	0.18	0.84 (21.2)	1.08 (27.4)	0.45 (11.4)	0.20 (5.1)	LVR125S-ND	.62	.58	.53	LVR125S		

Fig.	Maximum Voltage	Rated Current (20°C) (A)		Initial Resistance (Ω)	RMax. (Ω)	Recognized By	Dimensions – Inches (mm)					Digi-Key Part No.	Price Each		Raychem Part No.	
		Hold	Trip				A (Max.)	B (Max.)	C (Max.)	D (Min.)	E (Max.)		1	100		
<b>RUSBF Series – RoHS Compliant</b>																
6A	6	0.75	1.3	0.110	0.177	UL, TUV, CSA	0.27 (6.9)	0.45 (11.4)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF075-ND	.28	.25	.23	RUSBF075
	6	1.20	2.0	0.650	0.098		0.27 (6.9)	0.46 (11.7)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF120-ND	.33	.31	.28	RUSBF120
	6	1.55	2.65	0.043	0.071		0.27 (6.9)	.46 (11.7)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF155-ND	.34	.32	.29	RUSBF155
6B	16	0.90	1.8	0.070	0.121	UL, TUV, CSA	0.29 (7.4)	0.48 (12.2)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF090-ND	.32	.30	.27	RUSBF090
	16	1.10	2.2	0.050	0.096		0.29 (7.4)	0.56 (14.2)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF110-ND	.33	.30	.28	RUSBF110
	16	1.35	2.7	0.040	0.075		0.35 (8.9)	0.53 (13.5)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF135-ND	.33	.31	.28	RUSBF135
	16	1.60	3.2	0.030	0.062		0.35 (8.9)	.60 (15.2)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF160-ND	.35	.32	.29	RUSBF160
	16	1.85	3.7	0.030	0.055		0.40 (10.2)	.62 (15.7)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF185-ND	.36	.33	.30	RUSBF185
	16	2.50	5.0	0.020	0.036		0.45 (11.4)	.72 (18.3)	0.23 (5.8)	0.30 (7.6)	0.12 (3.1)	RUSBF250-ND	.37	.34	.31	RUSBF250

Fig.	Max. Voltage (Vdc)	Oper. Volt. (Vdc)	Rated Current (20°C) (A)		Max. Current (A)	R Max. Initial (Ω)	Recognized By	Dimensions – Inches (mm)			Digi-Key Part No.	Price Each		Raychem Part No.	
			Hold	Trip				A	B	C		1	100		
<b>TR Series</b>															
7A	600	60	0.150	0.30	3	10.0	UL, TUV, CSA	0.531 (13.50)	0.496 (12.60)	0.236 (6.00)	TR150RA-ND	.86	.79	.72	TR600-150-RA-B-0.5
<b>TRF Series – RoHS Compliant</b>															
7A	250	60	0.120	0.24	3	8.0	UL, TUV, CSA	0.256 (6.50)	0.433 (11.0)	0.180 (4.60)	TRF250-120-ND	.49	.45	.41	TRF250-120
	250	60	0.120	0.24	3	8.0		0.256 (6.50)	0.433 (11.0)	0.180 (4.60)	TRF250-120TR-ND†	462.83/1,500			TRF250-120-2
	250	60	0.145	0.29	3	6.0		0.256 (6.50)	0.433 (11.0)	0.180 (4.60)	TRF250-145-ND	.49	.45	.41	TRF250-145
	250	100	0.180	0.65	10	2.2		0.354 (9.0)	0.472 (12.0)	0.150 (3.80)	TRF250-180-ND	.52	.49	.44	TRF250-180
	600	250	0.150	0.30	3	10.0		0.354 (9.0)	0.492 (12.5)	0.180 (4.60)	TRF600-150-ND	.75	.69	.63	TRF600-150
	600	250	0.150	0.30	3	10.0		0.354 (9.0)	0.492 (12.5)	0.180 (4.60)	TRF600-150TR-ND†	659.06/1,500			TRF600-150-2
7B	250	60	0.080	0.16	3	20.0	UL, TUV, CSA	0.189 (4.80)	0.366 (9.30)	0.150 (3.80)	TRF250-080U-ND	.45	.42	.38	TRF250-080U
	250	60	0.120	0.24	3	10.0	0.236 (6.00)	0.394 (10.0)	0.150 (3.80)	TRF250-120U-ND	.45	.42	.38	TRF250-120U	
	250	60	0.145	0.29	3	6.5	0.236 (6.00)	0.394 (10.0)	0.150 (3.80)	TRF250-145U-ND	.45	.42	.38	TRF250-145U	

† Tape and Reel

Fig.	Max. Voltage (Vdc)	Rated Current (20°C) (A)	Maximum Current (A)	RMax. Initial (Ω)	Recognized By	Dimensions – Inches (mm)			Digi-Key Part No.	Price Each		Raychem Part No.	
						A	B	C		1	100		
<b>SRPF Series – RoHS Compliant</b>													
8	15	1.20	2.70	0.16	UL, TUV, CSA	0.87 (22.1)	0.20 (5.2)	0.04 (1.0)	SRP120F-ND	.41	.38	.35	SRP120F
	15	1.75	3.80	0.09		0.91 (23.1)	0.20 (5.2)	0.04 (1.0)	SRP175F-ND	.41	.38	.35	SRP175F
	30	2.00	4.40	0.06		0.92 (23.4)	0.43 (11.0)	0.04 (1.0)	SRP200F-ND	.41	.38	.35	SRP200F
	30	3.50	6.30	0.03		1.25 (31.8)	0.53 (13.5)	0.04 (1.0)	SRP350F-ND	.46	.42	.39	SRP350F
	30	4.20	7.60	0.024		1.28 (32.4)	0.54 (13.6)	0.04 (1.0)	SRP420F-ND	.45	.41	.38	SRP420F

Fig.	Max. Voltage (Vdc)	Rated Current (20°C) (A)		Max. Current (A)	R1Max. Initial (Ω)	Recognized By	Dimensions – Inches (mm)						Digi-Key Part No.	Cut Tape Price Each		Tape and Reel†		Raychem Part No.	
		Hold	Trip				A (Max.)	B (Max.)	C (Max.)	D	E	F		1	100	Qty.	Pricing		
<b>SMDF Series – RoHS Compliant</b>																			
9	60	0.30	0.60	10	4.8	UL, TUV, CSA	0.314 (7.98)	0.125 (3.18)	0.214 (5.44)	0.12 (3.1)	0.201 (5.1)	0.09 (2.3)	SMD030FCT-ND	.47	.41	.38	2,000	228.69/M	SMD030F-2
	60	0.50	1.00	10	1.4		0.314 (7.98)	0.125 (3.18)	0.214 (5.44)	0.12 (3.1)	0.201 (5.1)	0.09 (2.3)	SMD050FCT-ND	.47	.41	.38	2,000	228.69/M	SMD050F-2
	30	0.75	1.50	40	1.0		0.314 (7.98)	0.125 (3.18)	0.214 (5.44)	0.12 (3.1)	0.201 (5.1)	0.09 (2.3)	SMD075FCT-ND	.47	.41	.38	2,000	228.69/M	SMD075F-2
	30	1.10	2.20	40	0.48		0.314 (7.98)	0.118 (3.00)	0.214 (5.44)	0.12 (3.1)	0.201 (5.1)	0.09 (2.3)	SMD100FCT-ND	.47	.41	.38	2,000	228.69/M	SMD100F-2
	15	1.25	2.50	40	0.25		0.314 (7.98)	0.118 (3.00)	0.214 (5.44)	0.12 (3.1)	0.200 (5.1)	0.09 (2.3)	SMD125FCT-ND	.47	.41	.38	2,000	228.69/M	SMD125F-2
	15	1.50	3.00	40	0.25		0.370 (9.40)	0.118 (3.00)	0.264 (6.71)	0.18 (4.6)	0.240 (6.1)	0.09 (2.3)	SMD150FCT-ND	.50	.43	.40	1,500	238.86/M	SMD150F-2
	33	1.50	3.00	40	0.23		0.370 (9.40)	0.118 (3.00)	0.264 (6.71)	0.18 (4.6)	0.240 (6.1)	0.09 (2.3)	SMD150F33-2CT-ND	.50	.43	.40	1,500	238.86/M	SMD150F33-2
	33	1.85	3.60	40	0.16		0.370 (9.40)	0.118 (3.00)	0.264 (6.71)	0.18 (4.6)	0.240 (6.1)	0.09 (2.3)	SMD185F-2CT-ND	.53	.46	.42	1,500	254.83/M	SMD185F-2
	15	2.00	4.00	40	0.125		0.370 (9.40)	0.118 (3.00)	0.264 (6.71)	0.18 (4.6)	0.240 (6.1)	0.09 (2.3)	SMD200FCT-ND	.50	.43	.40	1,500	238.86/M	SMD200F-2
	15	2.50	5.00	40	0.085		0.370 (9.40)	0.118 (3.00)	0.264 (6.71)	0.18 (4.6)	0.240 (6.1)	0.09 (2.3)	SMD250FCT-ND	.51	.44	.41	1,500	245.39/M	SMD250F-2
	6	2.60	5.20	40	0.075		0.314 (7.98)	0.118 (3.00)	0.214 (5.44)	0.12 (3.1)	0.200 (5.1)	0.09 (2.3)	SMD260FCT-ND	.49	.43	.39	2,000	238.13/M	SMD260F-2
	6	3.00	6.00	40	0.048		0.314 (7.98)	0.118 (3.00)	0.214 (5.44)	0.12 (3.1)	0.200 (5.1)	0.09 (2.3)	SMD300FCT-ND	.49	.43	.39	2,000	238.13/M	SMD300F-2

Fig.	Max. Voltage (Vdc)	Rated Current (20°C) (A)		Max. Current (A)	R1Max. Initial (Ω)	Recognized By	Dimensions – Inches (mm)			Digi-Key Part No.	Cut Tape Price Each		Tape and Reel†		Raychem Part No.	
		Hold	Trip				A (Max.)	B (Max.)	C (Max.)		1	100	Qty.	Pricing		
<b>miniSMDF Series – RoHS Compliant</b>																
10	60	0.14	0.34	10	6.0	UL, TUV, CSA	0.186 (4.73)	0.134 (3.41)	0.035 (0.89)	MINISMDC014FCT-ND	.36	.32	.29	2,000	174.24/M	MINISMDC014F-2
	30	0.20	0.40	10	3.3		0.186 (4.73)	0.134 (3.41)	0.035 (0.89)	MINISMDC020FCT-ND	.35	.31	.28	2,000	169.16/M	MINISMDC020F-2
	24	0.50	1.00	100	1.0		0.186 (4.73)	0.134 (3.41)	0.025 (0.62)	MINISMDC050FCT-ND	.35	.31	.28	2,000	169.16/M	MINISMDC050F-2

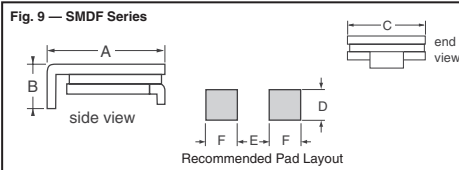
† For Tape and Reel part number, change CT-ND to TR-ND

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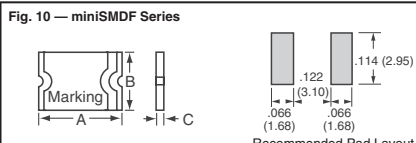
Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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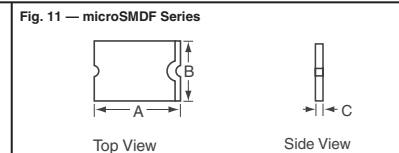
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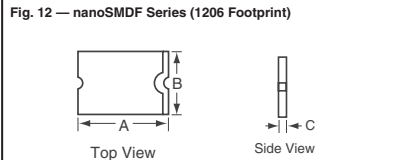
This product series is specifically designed for surface mount applications. The products range in hold currents from 0.3 amps – 3.0 amps and voltages from 6 volts – 60 volts. These devices are ideally suited for high density board applications in computer and general peripheral products, telecommunications and general electronics applications. They are designed to be re-flowed onto a PCB using standard surface mount processes. Packaged per EIA-481 standard.



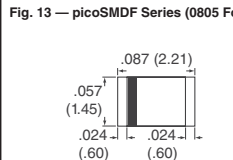
The miniSMDF resettable devices extremely small size makes them excellent choices for keyboard and mouse ports, SCSI devices, battery packs, PC cards and sockets, cellular modems and phones, and portable electronic equipment. SMT packaging for automated assembly compared to SMD the miniSMDF offers: 40% reduction in size, 300% faster time to trip, 50% reduction in DC resistance, 66% reduction in profile, 80% reduction in mass and drop in replacement for the NANO 2 device in many applications.



This product series is designed for surface-mount applications. Its smaller component size enables installation on crowded printed circuit boards and in small end-user devices such as digital cameras, personal digital assistants (PDAs) and palm-top computers. The new low hold current devices are ideal for protecting industrial sensors and data acquisition systems.



The nanoSMDF(F) series reduces the component size to a 1206 footprint, nearly half the size of the microSMDF(F) series and one-quarter the size of the popular miniSMDF series. The industries fastest time to trip. Smaller size saves board space and cost. Compatible with high volume electronics assembly.



The picoSMDF(F) series is designed for the latest generation of high frequency data ports, I/O ports and storage devices, and offers circuit designers the smallest PPTC overcurrent protection device available for consumer and computer electronics. The device's small size, fast time-to-trip, and low power dissipation make it a logical and innovative solution for high-density circuit board designs.

Fig.	Max. Voltage	Rated Current (20°C) (A)	Max. Hold	Max. Trip	Max. Current (A)	R1 Max. Initial (Ω)	Recognized By	Dimensions – Inches (mm)			Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Raychem Part No.			
								A (Max.)	B (Max.)	C (Max.)		1	10	100	Qty.	Pricing				
10	13.2	0.75	1.50	100	0.45		UL, TUV, CSA	0.186 (4.73)	0.134 (3.41)	0.025 (0.62)	MINISMD075FCT-ND	.36	.32	.29	2,000	174.24/M	MINISMD075F-2			
	24	1.75	1.50	40	0.29			0.190 (4.83)	0.134 (3.41)	0.051 (1.30)	MINISMD075F242CT-ND	.46	.39	.36	1,500	218.53/M	MINISMD075F/24-2			
	8	1.10	2.20	100	0.21			0.186 (4.73)	0.134 (3.41)	0.025 (0.62)	MINISMD110FCT-ND	.30	.26	.24	2,000	141.57/M	MINISMD110F-2			
	24	1.10	2.20	20	0.18			0.190 (4.83)	0.134 (3.41)	0.051 (1.30)	MINISMD110F242CT-ND	.46	.39	.36	1,500	218.53/M	MINISMD110F/24-2			
	6	1.25	2.50	100	0.14			0.186 (4.73)	0.134 (3.41)	0.019 (0.48)	MINISMD125FCT-ND	.35	.31	.28	2,000	169.16/M	MINISMD125F-2			
	16	1.25	2.50	100	0.14			0.190 (4.83)	0.134 (3.41)	0.019 (0.48)	MINISMD125F162CT-ND	.41	.36	.33	2,000	196.75/M	MINISMD125F/16-2			
	6	1.50	3.00	100	0.11			0.186 (4.73)	0.134 (3.41)	0.019 (0.48)	MINISMD150FCT-ND	.36	.32	.29	2,000	174.24/M	MINISMD150F-2			
	12	1.50	2.80	100	0.11			0.186 (4.73)	0.134 (3.41)	0.019 (0.48)	MINISMD150F122CT-ND	.41	.36	.33	2,000	196.75/M	MINISMD150F/12-2			
	24	1.50	3.00	20	0.12			0.190 (4.83)	0.134 (3.41)	0.066 (1.68)	MINISMD150F242CT-ND	.51	.44	.40	1,000	243.94	MINISMD150F/24-2			
	9	1.60	3.20	100	0.10			0.186 (4.73)	0.134 (3.41)	0.019 (0.48)	MINISMD160FCT-ND	.35	.31	.28	2,000	169.16/M	MINISMD160F-2			
8	2.00	4.00	100	0.07		0.186 (4.73)	0.134 (3.41)	0.048 (1.22)	MINISMD200FCT-ND	.40	.35	.32	2,000	192.39/M	MINISMD200F-2					
	6	2.60	5.00	100	0.04		0.186 (4.73)	0.134 (3.41)	0.029 (0.74)	MINISMD260FCT-ND	.40	.35	.32	2,000	192.39/M	MINISMD260F-2				
<b>microSMDF Series — RoHS Compliant</b>																				
11	30	0.05	0.15	10	50		UL, TUV, CSA	0.135 (3.43)	0.110 (2.79)	0.034 (0.85)	MICROSM005FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM005F-2			
	30	0.10	0.25	10	15			0.135 (3.43)	0.110 (2.79)	0.034 (0.85)	MICROSM010FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM010F-2			
	6	0.35	0.75	40	1.3			0.135 (3.43)	0.110 (2.79)	0.025 (0.64)	MICROSM035FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM035F-2			
	13.2	0.50	1.0	40	0.90			0.135 (3.43)	0.110 (2.79)	0.025 (0.64)	MICROSM050FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM050F-2			
	6	0.75	1.5	40	0.40			0.135 (3.43)	0.110 (2.79)	0.025 (0.64)	MICROSM075FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM075F-2			
	6	1.10	2.2	40	0.21			0.135 (3.43)	0.110 (2.79)	0.019 (0.48)	MICROSM110FCT-ND	.36	.32	.29	4,000	176.42/M	MICROSM110F-2			
	6	1.50	3.00	40	0.11			0.135 (3.43)	0.110 (2.79)	0.048 (1.22)	MICROSM150FCT-ND	.36	.32	.29	4,000	175.93/M	MICROSM150F-2			
	6	1.75	3.50	40	0.08			0.135 (3.43)	0.110 (2.79)	0.030 (0.76)	MICROSM175FCT-ND	.37	.32	.29	4,000	177.15/M	MICROSM175F-2			
	<b>nanoSMDF Series — RoHS Compliant</b>																			
	12	48	0.16	0.45	10	1.10			UL, TUV, CSA	0.134 (3.40)	0.071 (1.80)	0.039 (1.00)	NANOSMDC016F-2CT-ND	.35	.30	.28	3,000	167.71/M	NANOSMDC016F-2	
24		0.20	0.42	100	2.6		0.134 (3.40)	0.071 (1.80)		0.025 (0.64)	NANOSMDC020FCT-ND	.35	.30	.28	3,000	167.71/M	NANOSMDC020F-2			
16		0.35	0.75	20	1.40		0.134 (3.40)	0.071 (1.80)		0.025 (0.64)	NANOSMDC035FCT-ND	.35	.30	.28	3,000	167.71/M	NANOSMDC035F-2			
13.2		0.50	1.10	100	0.8		0.134 (3.40)	0.071 (1.80)		0.025 (0.64)	NANOSMDC050F/13.2CT-ND	.35	.30	.28	3,000	167.71/M	NANOSMDC050F/13.2-2			
6		0.75	1.50	100	0.40		0.134 (3.40)	0.071 (1.80)		0.048 (1.22)	NANOSMDC075FCT-ND	.35	.30	.28	3,000	167.71/M	NANOSMDC075F-2			
6		1.10	2.20	100	0.20		0.134 (3.40)	0.071 (1.80)		0.039 (1.00)	NANOSMDC110FCT-ND	.36	.31	.28	3,000	170.61/M	NANOSMDC110F-2			
6		1.50	3.00	100	0.11		0.134 (3.40)	0.071 (1.80)		0.035 (0.89)	NANOSMDC150FCT-ND	.36	.31	.28	3,000	170.61/M	NANOSMDC150F-2			
<b>picoSMDF Series — RoHS Compliant</b>																				
13	6	0.35	0.75	20	1.40		UL, TUV, CSA	—	—	—	PICOSMD035F-2CT-ND	.35	.30	.28	4,000	167.85/M	PICOSMD035F-2			

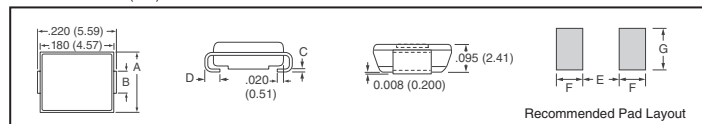
† For Tape and Reel part number, change CT-ND to TR-ND.

## Raychem SiBar™ Thyristor Surge Protectors

SiBar thyristor surge protection devices help protect sensitive telecom and datacom equipment from overvoltage events, including lightning transients, and operate as shunt devices in response to a surge that exceeds the breaker voltage. Compliant with major standards such as GR-1089 Core, ITU-T-K20/K21, IEC61000-4-5 and FCC part 68, and UL1950. SiBar devices provide fast, bidirectional protection on communications network equipment, including analog and digital linecards, xDSL and ISDN modems, set-top boxes, T1 equipment, Voice over IP (VoIP) and Power over Ethernet (PoE) equipment.

**Features:** • Bidirectional transient voltage protection • High off-state impedance • Low on-state voltage • High surge capability • Short-circuit failure mode • Surface-mount technology

Dimensions: Inches (mm)



VDM Max. (V)	VBO Max. (V)	IH Max. (mA)	VT Max. (V)	C1 @50V Typical (pF)	C2 @2V Typical (pF)	ITSM Min. (A)	Dimensions – Inches (mm)							Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Raychem Part No.		
							A	B	C	D	E	F	G		1	10	100	Qty.	Pricing			
<b>Standard SMA Package (JEDEC DO-214AC)</b>																						
270	365	150	4.0	16	31	22	0.115 (2.92)	0.065 (1.65)	0.016 (0.41)	0.060 (1.52)	0.079 (2.00)	0.079 (2.00)	0.079 (2.00)	0.079 (2.00)	TVA270SA-LCT-ND	.38	.33	.30	5,000	174.97/M	TVA270SA-L	
<b>Standard SMB Package (JEDEC DO-214AA)</b>																						
6	20	50 (Typ.)	4.0	—	50	28	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	0.085 (2.159)	0.108 (2.743)	TVB006SB-LCT-ND	1.07	.92	.84	2,500	512.27/M	TVB006SB-L
25	40	150	4.0	—	65	41	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	0.085 (2.159)	0.108 (2.743)	TVB025RSC-LCT-ND	.66	.57	.52	2,500	317.12/M	TVB025RSC-L

† For Tape and Reel part number, change CT-ND to TR-ND.

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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(UK091) 1937

VDM Max. (V)	V80 Max. (V)	IH Min. (mA)	VT Max. (V)	C1 @ 50V Typ. (pF)	C2 @ 2V Typical (pF)	ITSM Min. (A)	Dimensions - Inches (mm)							Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Raychem Part No.
							A	B	C	D	E	F	G		1	10	100	Qty.	Pricing	
170	265	150	4.0	18	35	22	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB170SA-LCT-ND	.38	.33	.30	2,500	182.96/M	TVB170SA-L
170	220	150	4.0	30	60	41	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB170RSC-LCT-ND	.60	.52	.48	2,500	289.07/M	TVB170RSC-L
220	295	150	4.0	30	60	41	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB220RSC-LCT-ND	.66	.57	.52	2,500	317.12/M	TVB220RSC-L
270	365	150	4.0	15	32	22	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB270SA-LCT-ND	.38	.33	.30	2,500	182.96/M	TVB270SA-L
270	350	150	4.0	25	50	30	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB270SB-LCT-ND	.54	.46	.42	2,500	256.28/M	TVB270SB-L
270	365	150	4.0	50	110	60	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB270SC-LCT-ND	.69	.59	.54	2,500	328.88/M	TVB270SC-L
275	350	150	4.0	15	31	22	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB275NSA-LCT-ND	.38	.33	.30	2,500	182.96/M	TVB275NSA-L
275	350	150	4.0	20	40	41	0.155 (3.94)	0.087 (2.20)	0.012 (0.31)	0.050 (1.27)	0.089 (2.261)	0.085 (2.159)	0.108 (2.743)	TVB270MSC-LCT-ND	.74	.64	.59	2,500	355.00/M	TVB270MSC-L

† For Tape and Reel part number, change CT-ND to TR-ND.

## Raychem PolyZen Polymer Protected Zener Diodes

PolyZen devices are polymer protected precision Zener diode micro-assemblies. An advanced feature of the PolyZen micro-assembly is that its Zener and follow-on electronics are additionally protected by a resistively non-linear, polymer PTC (positive temperature coefficient) layer. This PTC layer is fully integrated into the device, is thermally coupled to the diode, and is electrically in series between VIN and the diode clamped VOUT. This advanced PTC layer responds to either diode heating or overcurrent events by transitioning from a low to high resistance state, also known as "tripping". A tripped PTC will limit current and generate a voltage drop, which helps to protect both the Zener and the follow-on electronics. This integrated PTC effectively increases the diode's power handling capability.

**Benefits:** • Helps shield downstream electronics from overvoltage and reverse bias • Trip events shut out overvoltage and reverse bias sources • Analog nature of trip events minimizes upstream inductive spikes • Helps reduce design costs with single component placement and minimal heat sinking requirements

**Features:** • Overvoltage transient suppression • Stable VZ vs. fault current • Time delayed, overvoltage trip • Time delayed, reverse bias trip • Power handling on the order of 30 watt • Integrated device construction

**Applications:** • DC power port protection for systems using barrel jacks for power input • USB peripheral protection • DC power port protection in portable electronics • Automotive peripheral input power protection

**General Characteristics:** • Operating Temperature Range: -40°C - 85°C • ESD Withstand: 15KV Human Body Model • Diode Capacitance: 4200pF Typical @ 1MHz, 1V RMS

**Test Board Features:** • Thickness: 0.062 inches • Board Material: FR4 Laminate (glass, epoxy) with 2-sided 2oz. copper cladding • Plating: 3 - 5µ inches Gold over 100µ inches Nickel on all exposed pads and vias • Connections: 3 Gold-plated contact fingers (.30" X .50") identified VIN, VOUT, GND. 3 Gold-plated vias provided as alternate connections.

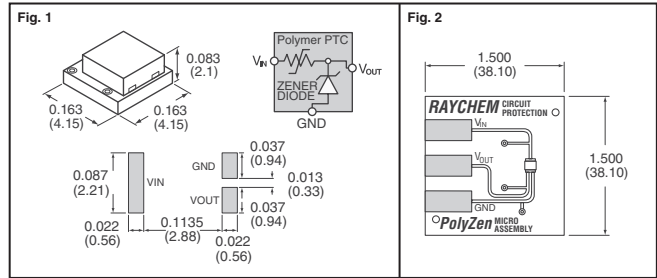


Fig.	VZ (V) Typical	Izt (A)	IHOLD @ 20°C (A)	R Typ. (Ω)	R1Max. (Ω)	VIN Max. @ 3V (V)	IFLT Max. @ 16V (A)	Power Dissipation Typ. (W)	Digi-Key Part No.	Cut Tape Pricing				Tape and Reel† Pricing 3,000	Raychem Part No.
										1	10	25	100		
<b>Diodes</b>															
1	5.6	0.1	1.3	0.12	0.16	24	+10 / -40	0.7	ZEN056V130A24LSC-ND	.94	8.06	—	73.87	577.54/M	ZEN056V130A24LS
	5.6	0.1	2.3	0.04	0.06	16	+5 / -40	0.7	ZEN056V230A16LSC-ND	.94	8.06	—	73.87	456.66/M	ZEN056V230A16LS
	6.5	0.1	2.3	0.04	0.06	16	+3.5 / -40	0.7	ZEN065V230A16LSC-ND	.94	8.06	—	73.87	456.66/M	ZEN065V230A16LS
	13.2	0.1	1.3	0.12	0.16	24	+3 / -40	0.7	ZEN132V130A24LSC-ND	.94	8.06	—	73.87	577.54/M	ZEN132V130A24LS
	16.4	0.1	1.3	0.12	0.16	24	+1.25 / -40	0.7	ZEN164V130A24LSC-ND	.94	8.06	—	73.87	456.66/M	ZEN164V130A24LS
<b>Test Boards</b>															
2	5.6	0.1	1.3	0.12	0.16	24	+10 / -40	0.7	ZEN056V130A24LSTB-ND	6.96	52.14	123.12	—	—	ZEN056V130A24LS-TB
	5.6	0.1	2.3	0.04	0.06	16	+5 / -40	0.7	ZEN056V230A16LSTB-ND	8.69	79.66	—	724.19	—	ZEN056V230A16LS-TB
	6.5	0.1	2.3	0.04	0.06	16	+3.5 / -40	0.7	ZEN065V230A16LSTB-ND	8.69	79.66	—	724.19	—	ZEN065V230A16LS-TB
	13.2	0.1	1.3	0.12	0.16	24	+3 / -40	0.7	ZEN132V130A24LSTB-ND	6.96	52.14	123.12	—	—	ZEN132V130A24LS-TB
	16.4	0.1	1.3	0.12	0.16	24	+1.25 / -40	0.7	ZEN164V130A24LSTB-ND	8.69	79.66	—	724.19	—	ZEN164V130A24LS-TB

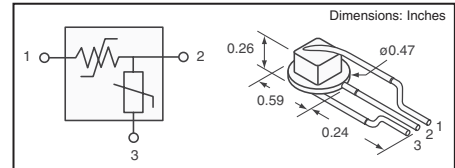
† For Tape and Reel part number, change CT-ND to TR-ND.

## Raychem 2Pro™ Overcurrent/Overvoltage Device

The 2Pro product is an integrated overcurrent/overvoltage protection device. The component incorporates Polyswitch PPTC and metal oxide varistor technology in a single device. The 2Pro helps provide current limiting during overcurrent events, and voltage clamping during overvoltage events. After a fault condition is removed and power is cycled, 2Pro devices will reset so that communications equipment remain operational.

2Pro circuit protection devices help manufacturers comply with global safety standards, including UL 60950, TIA-968-A, IEC 60950, and ITU-T K.20/K.21. The UL 497A listed protector also helps provide ESD protection.

Agency Recognition: • UL 497A/File No. E258475



Rated Current (20°) (A)	Overcurrent Terminals 1 - 2		Overvoltage Terminals 2 - 3		Digi-Key Part No.	Pricing			Raychem Part No.	
	Hold	Trip	Initial Resistance RMin. (Ω)	Resistance RMax. (Ω)		V @ 1mA DC (V)	Max. Clamping Voltage @ 25A (V)	1		10
0.15	0.30	7.0	14.0	270	455	TM2P-10271-ND	.70	6.39	58.08	TM2P-10271

## Raychem ESD Protection Devices

The Raychem PESD electrostatic discharge protection devices provide exceptionally low capacitance, and they perform better than other comparable components in transmission line pulse (TLP) testing, as well as IEC61000-4-2 testing, especially after multiple hits (up to 1000).

The devices offer a lower trigger voltage and a lower clamping voltage than typical polymer ESD devices, resulting in improved protection of sensitive electronic components.

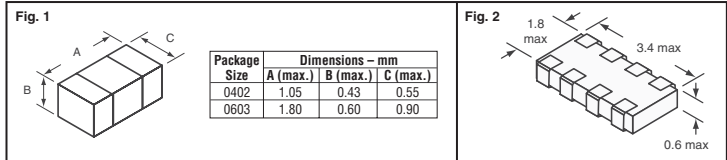


Fig.	Package Size	Max. VDC (V)	Trigger VT(IEC)▲ (V)	Clamping VC(IEC)▲ (V)	Cp @ 1MHz, 1VRMS (pF)	IL(Max.) (µA)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Raychem Part No.
								1	10	100		Qty.	Pricing	
1	0402	6	150	25	0.25	0.05	PESD0402-060CT-ND	.17	1.50	13.78	PESD0402-060TR-ND	10,000	65.34/M	PESD0402-060
	0603	24	215	45	0.20	0.01	PESD0603-240CT-ND	.14	1.20	10.98	PESD0603-240TR-ND	5,000	62.44/M	PESD0603-240
2	(4)1206‡	14	350	30	0.25	0.01	PESD1206Q-140CT-ND	.42	3.59	32.95	PESD1206Q-140TR-ND	5,000	185.86/M	PESD1206Q-140

▲ Measured during IEC 61000-4-2, level 4 pulse    § Measured 30ns after pulse initiation    ‡ Four individual suppressors

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

**Free shipping on orders over £50! All prices are in British pound sterling and include duties.**

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