

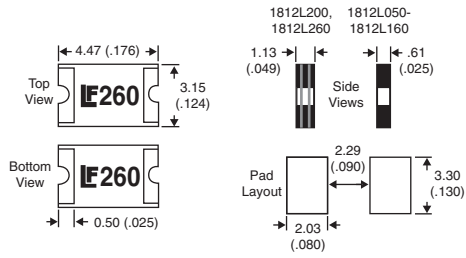
LITTELFUSE Resettable PTCs



LITTELFUSE SURFACE MOUNT PTC 1812L SERIES

Temperature Rating:

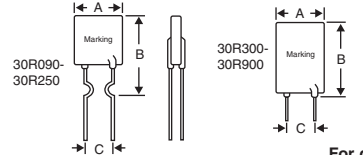
Part No.	Ambient Temperature									
	-40°C	-20°C	0°C	20°C	40°C	50°C	60°C	70°C	80°C	85°C
	Hold Current (A)									
1812L050	0.75	0.67	0.58	0.50	0.41	0.37	0.33	0.29	0.25	0.23
1812L075	1.13	1.00	0.87	0.75	0.62	0.56	0.50	0.43	0.37	0.34
1812L110	1.65	1.47	1.28	1.10	0.91	0.82	0.73	0.64	0.54	0.50
1812L125	1.88	1.67	1.46	1.25	1.04	0.93	0.83	0.72	0.62	0.56
1812L150	2.25	2.00	1.75	1.50	1.24	1.12	0.99	0.87	0.74	0.68
1812L160	2.40	2.13	1.86	1.60	1.33	1.19	1.06	0.92	0.79	0.72
1812L200	3.00	2.67	2.33	2.00	1.66	1.49	1.32	1.15	0.99	0.90
1812L260	3.90	3.47	3.03	2.60	2.16	1.94	1.72	1.50	1.28	1.17



MOUSER STOCK NO.		Current Rating @ 20°C					Max. Time to Trip		Resistance		Size	Price Each				Reel	
Mfr.	Mfr. Part No.	Hold (A)	Trip (A)	Max DC	Max Amps	Max Watts	Current (A)	Time (Sec)	Ril (W)	Rat (W)		1	10	100	250	Qty.	Ea.
576	1812L050PR	0.50	1.00	15	40	0.8	8.0	0.15	0.1	1.00	1812	.33	.324	.301	.289	2000	.24
576	1812L075PR	0.75	1.50	13.2	40	0.8	8.0	0.30	0.06	0.42	1812	.30	.29	.27	.26	2000	.175
576	1812L110PR	1.10	2.20	6	40	0.8	8.0	0.30	0.04	0.23	1812	.24	.23	.22	.21	2000	.174
576	1812L125DR	1.25	2.50	6	40	0.8	8.0	0.30	0.04	0.18	1812	.34	.32	.31	.29	2000	.242
576	1812L150ZR	1.50	3.00	6	40	0.8	8.0	0.30	0.032	0.14	1812	.30	.296	.275	.265	2000	.219
576	1812L160PR	1.60	3.20	6	40	0.8	8.0	0.30	0.032	0.10	1812	.29	.28	.26	.25	2000	.207
576	1812L200DR	2.00	4.00	6	40	0.8	8.0	2.50	0.018	0.07	1812	.37	.347	.336	.314	2000	.264
576	1812L260ZR	2.60	5.20	6	40	0.8	8.0	2.50	0.01	0.05	1812	.33	.31	.30	.28	2000	.236

LITTELFUSE RADIAL LEADED PTC 30R SERIES

The 30R Series Resettable devices utilize a unique polymer-based, Positive Temperature Coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operation, the 30R Series PTC has many conductive paths and a very low resistance. In an overcurrent condition, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition, the device provides circuit protection by significantly limiting the flow of current. However, once the cause of the initial overcurrent condition is eliminated, the 30R Series PTC cools down and resets to a low resistance value permitting the normal current flow to resume.

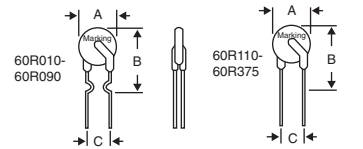


For quantities of 500 or more, call for quote.

MOUSER STOCK NO.		Current Rating @ 20°C					Max. Time to Trip		Resistance		Dimensions: mm (in.)			Price Each			
Mfr.	Mfr. Part No.	Hold (A)	Trip (A)	Max DC	Max Amps	Max Watts	Current (A)	Time (Sec)	Ril (W)	Rat (W)	A (Max)	B (Max)	C (Max)	1	10	100	250
576	RLD30P110UFF	1.10	2.20	30	40	0.70	5.50	6.60	0.05	0.17	6.6 (0.26)	14.22 (0.56)	5.08 (0.20)	.37	.34	.32	.30
576	RLD30P135UFF	1.35	2.70	30	40	0.80	6.75	7.30	0.04	0.13	8.89 (0.35)	13.46 (0.53)	5.08 (0.20)	.39	.36	.34	.32
576	30R160UPR	1.60	3.20	30	40	0.90	8.00	8.00	0.03	0.11	8.89 (0.35)	15.42 (0.60)	5.08 (0.20)	.35	.34	.32	.30
576	30R250UPR	2.50	5.00	30	40	1.20	12.50	10.30	0.02	0.07	11.43 (0.45)	18.29 (0.72)	5.08 (0.20)	.34	.33	.31	.29
576	030R0300U	3.00	6.00	30	40	2.00	15.00	10.80	0.02	0.08	11.43 (0.45)	17.27 (0.68)	5.08 (0.20)	.33	.31	.29	.28
576	030R0400U	4.00	8.00	30	40	2.50	20.00	12.70	0.01	0.05	13.97 (0.55)	20.07 (0.79)	5.08 (0.20)	.97	.91	.84	.77
576	030R0600U	6.00	12.00	30	40	3.50	30.00	16.00	0.005	0.04	16.51 (0.65)	24.89 (0.98)	10.16 (0.40)	1.10	1.02	.95	.87
576	30R800UH	8.00	16.00	30	40	4.00	40.00	18.80	0.005	0.02	21.59 (0.85)	29.21 (1.15)	10.16 (0.40)	.48	.46	.44	.41

LITTELFUSE RADIAL LEADED PTC 60R SERIES

The 60R Series Resettable devices utilize a unique polymer-based, Positive Temperature Coefficient (PTC) material to protect electrical circuits against overcurrent conditions. In normal operation, the 60R Series PTC has many conductive paths and a very low resistance. In an overcurrent condition, the temperature of the polymer material rises. This dramatically reduces the conductive paths resulting in an immediate rise in resistance. In this condition, the device provides circuit protection by significantly limiting the flow of current. However, once the cause of the initial overcurrent condition is eliminated, the 60R Series PTC cools down and resets to a low resistance value permitting the normal current flow to resume.



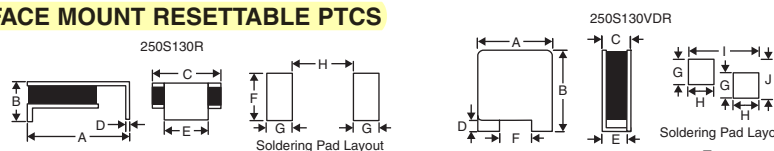
For quantities of 500 or more, call for quote.

MOUSER STOCK NO.		Current Rating @ 20°C					Max. Time to Trip		Resistance		Dimensions: mm (in.)			Price Each			
Mfr.	Mfr. Part No.	Hold (A)	Trip (A)	Max DC	Max Amps	Max Watts	Current (A)	Time (Sec)	Ril (W)	Rat (W)	A (Max)	B (Max)	C (Max)	1	10	100	250
576	60R010XU	0.10	0.20	60	40	0.38	0.50	4.0	2.50	7.50	7.37 (0.29)	12.7 (0.50)	5.08 (0.20)	.26	.25	.23	.22
576	60R017XPR	0.17	0.34	60	40	0.48	0.85	3.0	3.30	8.00	7.37 (0.29)	12.7 (0.50)	5.08 (0.20)	.28	.27	.25	.24
576	60R020XU	0.20	0.40	60	40	0.41	1.00	2.2	1.83	4.40	7.37 (0.29)	12.19 (0.48)	5.08 (0.20)	.27	.27	.25	.24
576	060R0025U	0.25	0.50	60	40	0.45	1.25	2.5	1.25	3.00	7.37 (0.29)	12.7 (0.50)	5.08 (0.20)	.26	.25	.24	.23
576	060R0030U	0.30	0.60	60	40	0.49	1.50	3.0	0.88	2.10	7.37 (0.29)	12.95 (0.51)	5.08 (0.20)	.58	.54	.50	.46
576	60R050XU	0.50	1.00	60	40	0.77	2.50	4.0	0.50	1.17	7.62 (0.30)	13.72 (0.54)	5.08 (0.20)	.28	.27	.25	.24
576	60R065XU	0.65	1.30	60	40	0.88	3.25	5.3	0.31	0.72	9.65 (0.38)	14.48 (0.57)	5.08 (0.20)	.28	.271	.251	.241
576	60R075XU	0.75	1.50	60	40	0.92	3.75	6.3	0.25	0.60	10.41 (0.41)	15.24 (0.60)	5.08 (0.20)	.30	.29	.27	.26
576	60R090XU	0.90	1.80	60	40	0.99	4.50	7.2	0.20	0.47	11.68 (0.46)	15.75 (0.62)	5.08 (0.20)	.30	.29	.27	.26
576	60R110XU	1.10	2.20	60	40	1.50	5.50	8.2	0.15	0.38	12.95 (0.51)	18.0 (0.71)	5.08 (0.20)	.30	.29	.28	.26
576	60R135	1.35	2.70	60	40	1.70	6.75	9.6	0.12	0.30	14.48 (0.57)	19.56 (0.77)	5.08 (0.20)	.36	.32	.23	.229
576	60R160XF	1.60	3.20	60	40	1.90	8.00	11.4	0.09	0.22	16.26 (0.64)	21.34 (0.84)	5.08 (0.20)	.33	.31	.29	.28
576	60R185XF	1.85	3.70	60	40	2.10	9.25	12.6	0.08	0.19	17.78 (0.70)	22.86 (0.90)	5.08 (0.20)	.35	.33	.32	.30
576	60R250XF	2.50	5.00	60	40	2.50	12.5	15.6	0.05	0.13	21.34 (0.84)	26.42 (1.04)	10.16 (0.40)	.39	.37	.35	.33
576	60R300XF	3.00	6.00	60	40	2.80	15.0	19.8	0.04	0.10	24.89 (0.98)	29.97 (1.18)	10.16 (0.40)	.42	.40	.38	.36
576	60R375	3.75	7.50	60	40	3.20	18.75	24.0	0.03	0.08	28.45 (1.12)	33.53 (1.32)	10.16 (0.40)	.44	.42	.40	.38

LITTELFUSE 250S SERIES SURFACE MOUNT RESETTABLE PTCs

Features:

- Low resistance
- Compatible with telecom standards
- Helps meet ITU K.20, K.21/Telcordia standards
- Excellent solder joint inspectability
- High voltage



For quantities of 1000 or more, call for quote.

MOUSER STOCK NO.		Current Rating @ 20°C					Max. Time to Trip		Resistance		Dimensions: mm (in.)			Price Each			
Mfr.	Mfr. Part No.	Hold (A)	Trip (A)	Max DC	Max Amps	Max Watts	Current (A)	Time (Sec)	Ril (W)	Rat (W)	A (Max)	B (Max)	C (Max)	1	50	100	500
576	250S130DR	0.13	0.26	250/60	3	1.2	1	4	4	20	9.4 (0.37)	3.7 (0.15)	7.4 (0.29)	.87	.738	.679	.557
576	250S130-RADR	0.13	0.26	250/60	3	1.2	1	4	6.5	15	9.4 (0.37)	3.7 (0.15)	7.4 (0.29)	.87	.738	.679	.557
576	250S130-RBDR	0.13	0.26	250/60	3	1.2	1	4	9	20	9.4 (0.37)	3.7 (0.15)	7.4 (0.29)	.87	.738	.679	.557
576	250S130-RCDR	0.13	0.26	250/60	3	1.2	1	4	7	17	9.4 (0.37)	3.7 (0.15)	7.4 (0.29)	.87	.738	.679	.557
576	250S130VDR	0.13	0.26	250/60	3	1.2	1	4	4	20	6.1 (0.24)	6.9 (0.27)	7.4 (0.29)	.87	.738	.679	.557