

SEMIFUSE® SFR60P Series PTC Re-settable Fuses

The SFR60P series of re-settable fuses will provide non-cycling protection against short circuits in electronic equipment upto 60V. Once tripped the device remains latched in a high resistance state until the fault is removed.

Characteristics

Agency Approvals; UL, CSA and TÜV

Part #	I _{hold} (A)	I _{trip} (A)	V _{max} (Vdc)	I _{max} (A)	P _d ^{max} (W)	Maximum Time to Trip @ 20°C		Resistance @ 20°C		Dimensions (mm)		
						Current (A)	Time (Sec.)	R _{min} (Ω)	R _{Imax} (Ω)	A (Max)	B (Max)	C (Typ.)
SFR60P010F	0.10	0.20	60	40	0.38	0.50	4.00	2.500	7.500	7.4	12.7	5.1
SFR60P017F	0.17	0.34	60	40	0.48	0.85	3.00	3.300	8.000	7.4	12.7	5.1
SFR60P020F	0.20	0.40	60	40	0.41	1.00	2.20	1.830	4.400	7.4	12.2	5.1
SFR60P025F	0.25	0.50	60	40	0.45	1.25	2.50	1.250	3.000	7.4	12.7	5.1
SFR60P030F	0.30	0.60	60	40	0.49	1.50	3.00	0.880	2.100	7.4	13.0	5.1
SFR60P040F	0.40	0.80	60	40	0.56	2.00	3.80	0.550	1.290	7.6	13.5	5.1
SFR60P050F	0.50	1.00	60	40	0.77	2.50	4.00	0.500	1.170	7.9	13.7	5.1
SFR60P065F	0.65	1.30	60	40	0.88	3.25	5.30	0.310	0.720	9.7	14.5	5.1
SFR60P075F	0.75	1.50	60	40	0.92	3.75	6.30	0.250	0.600	10.4	15.2	5.1
SFR60P090F	0.90	1.80	60	40	0.99	4.50	7.20	0.200	0.470	11.7	15.7	5.1
SFR60P110F	1.10	2.20	60	40	1.50	5.50	8.20	0.150	0.380	13.0	18.0	5.1
SFR60P135F	1.35	2.70	60	40	1.70	6.75	9.60	0.120	0.300	14.5	19.6	5.1
SFR60P160F	1.60	3.20	60	40	1.90	8.00	11.40	0.090	0.220	16.3	21.3	5.1
SFR60P185F	1.85	3.70	60	40	2.10	9.25	12.60	0.080	0.190	17.8	22.9	5.1
SFR60P250F	2.50	5.00	60	40	2.50	12.50	15.60	0.050	0.130	21.3	26.4	10.2
SFR60P300F	3.00	6.00	60	40	2.80	15.00	19.80	0.040	0.100	24.9	30.0	10.2
SFR60P375F	3.75	7.50	60	40	3.20	18.75	24.00	0.030	0.080	28.4	33.5	10.2

Definitions

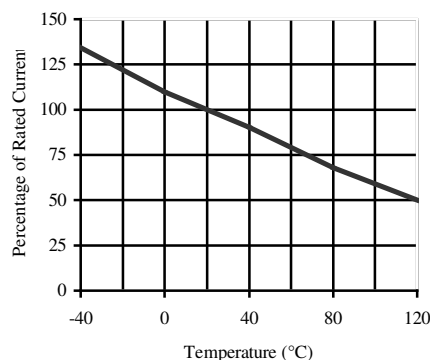
I_{hold} = Hold Current, maximum current device will pass without tripping in 20°C still air.

I_{trip} = Trip Current, minimum current at which the device will trip in 20°C still air.

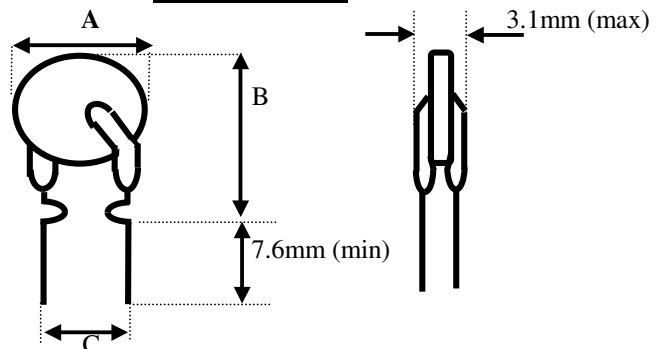
V_{max} = Maximum Voltage device can withstand without damage at rated current (I_{max})

I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max})

Thermal derating curve



Configuration



Note: For dimensions A,B & C please refer to the above table

CAUTION: Operation beyond the specified maximum ratings may result in device damage and cause possible arcing and flame.