

Ametherm's MegaSurge™, Surge Limiter and bigAMP Series of Inrush Current Limiters offer an economical and space saving solution for limiting high inrush currents. Ametherm also offers the highest current rated Thermistors available for Inrush Current Limiting.

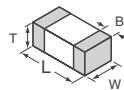
Resistance @ 25°C (Ω)	Maximum Steady State Current @ 65°C (Amps)	Maximum Energy (Joules)	Diameter (D) (mm)	Lead Spacing (S) (mm)	Lead Length (L) (mm)	Digi-Key Part No.	Price Each		Ametherm Part No.
							1	100	
150	2	110	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1000-ND	2.26	1.39	MS12 15102
20	8	200	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1003-ND	2.61	2.14	MS22 10008
25	5	180	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1007-ND	2.61	2.14	MS22 20005
50	4	240	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1010-ND	2.61	2.14	MS22 50004
75	4	240	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1011-ND	2.61	2.14	MS22 75004
120	2	220	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1004-ND	2.61	2.14	MS22 12102
220	3.5	75	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1008-ND	2.61	2.14	MS22 22103
.50	40	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1013-ND	3.27	2.68	MS32 0R540
1.0	36	300	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1016-ND	3.27	2.68	MS32 1R036
2.0	25	300	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1019-ND	3.27	2.68	MS32 2R025
5.0	20	300	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1021-ND	3.27	2.68	MS32 5R020
10	15	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1014-ND	3.27	2.68	MS32 10015
20	8	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1017-ND	3.27	2.68	MS32 20008
20	10	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1018-ND	3.27	2.68	MS32 20010
50	6	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1020-ND	3.27	2.68	MS32 50006
.50	50	900	35 ±2.5	19 ±3.0	39 ±4.0	570-1023-ND	4.68	3.83	MS35 0R650
1.0	40	800	35 ±2.5	19 ±3.0	39 ±4.0	570-1025-ND	4.68	3.83	MS35 1R040
2.0	35	750	35 ±2.5	19 ±3.0	39 ±4.0	570-1027-ND	4.68	3.83	MS35 2R035
3.0	30	750	35 ±2.5	19 ±3.0	39 ±4.0	570-1028-ND	4.68	3.83	MS35 3R030
5.0	25	600	35 ±2.5	19 ±3.0	39 ±4.0	570-1029-ND	4.68	3.83	MS35 5R025
10	18	500	35 ±2.5	19 ±3.0	39 ±4.0	570-1024-ND	4.68	3.83	MS35 10018
20	10	500	35 ±2.5	19 ±3.0	39 ±4.0	570-1026-ND	4.68	3.83	MS35 20010
10	1	2	3.0 max.	2.5 Nom.	38.0 min.	570-1088-ND	.46	.28	SL03 10001
220	1	2	3.0 max.	4.0 Nom.	38.0 min.	570-1087-ND	.46	.28	SL03 22101
4	3	5	5.6 max.	6.0 Nom.	38.0 min.	570-1085-ND	.46	.28	SL05 4R003
5	1	5	5.6 max.	6.0 Nom.	38.0 min.	570-1084-ND	.46	.28	SL05 5R001
30	0.25	3	5.5 ±0.5	6.0 Nom.	38.0 min.	570-1086-ND	.46	.28	SL05 30001
20	2	8	8 ±0.5	6.4 ±2.0	38 ±3.0	570-1083-ND	.46	.28	SL08 20002
2	5	30	10 ±0.5	5.1 Nom.	38 min.	570-1081-ND	.52	.33	SL10 2R005
10	3	17	9.5 ±1.0	7.8 ±1.0	38 ±3.0	570-1082-ND	.52	.33	SL10 10003
50	1.6	18	10 ±0.5	6.35 ±0.6	9.9 ±0.9	570-1080-ND	.52	.33	SL10 50002
1	10	28	12 ±1.0	7.8 ±2.0	38 ±9.0	570-1077-ND	.65	.40	SL12 1R010
10	4	40	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1079-ND	.65	.40	SL12 10004
10	6	40	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1078-ND	.65	.40	SL12 10006
20	3	35	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1076-ND	.65	.40	SL12 20003
25	2	30	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1075-ND	.65	.40	SL12 25002
50	2	20	12 ±0.5	7.8 ±2.0	38 ±9.0	570-1074-ND	.65	.40	SL12 50002
2.5	7	80	15 ±0.5	7.8 ±2.0	38 ±9.0	570-1072-ND	.74	.46	SL15 2R507
5	7	50	15 ±0.5	7.8 ±2.0	38 ±9.0	570-1070-ND	.74	.46	SL15 5R007
47	3	50	15 ±0.5	7.8 ±2.0	38 ±9.0	570-1071-ND	.74	.46	SL15 47003
60	2	50	15 ±0.5	7.8 ±0.3	38 ±1.5	570-1069-ND	.74	.46	SL15 60002
220	2	50	15 ±0.5	7.8 ±2.0	38 ±9.0	570-1073-ND	.74	.46	SL15 22102
5.0	6	75	18 ±1.0	7.8 ±1.0	38 ±5.0	570-1067-ND	1.01	.63	SL18 5R006
10	5	75	18 ±1.0	7.8 ±1.0	38 ±5.0	570-1068-ND	1.01	.63	SL18 10005
.50	16	160	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1030-ND	1.22	.76	SL22 0R516
.70	12	120	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1031-ND	1.22	.76	SL22 0R712
1.0	20	65	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1041-ND	1.22	.76	SL22 1R020
2.0	18	90	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1044-ND	1.22	.76	SL22 2R018
2.5	8	90	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1045-ND	1.22	.76	SL22 2R508
2.5	10	90	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1046-ND	1.22	.76	SL22 2R510
2.5	15	90	20 ±1.0	8.0 ±0.2	38 ±9.0	570-1047-ND	1.22	.76	SL22 2R515
4.0	14	100	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1050-ND	1.22	.76	SL22 4R014
5.0	6	90	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1052-ND	1.22	.76	SL22 5R006
5.0	12	100	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1053-ND	1.22	.76	SL22 5R012
7.0	10	100	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1055-ND	1.22	.76	SL22 7R010
10	5	90	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1032-ND	1.22	.76	SL22 10005
10	8	90	20 ±1.0	7.5 ±0.80	38 ±9.0	570-1034-ND	1.22	.76	SL22 10008
10	9	100	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1035-ND	1.22	.76	SL22 10009
14	5	75	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1038-ND	1.22	.76	SL22 14005
14	7	75	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1039-ND	1.22	.76	SL22 14007
16	4	100	20 ±1.0	9.4 ±0.9	38 ±9.0	570-1040-ND	1.22	.76	SL22 16004
20	7	125	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1042-ND	1.22	.76	SL22 20007
30	5	80	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1048-ND	1.22	.76	SL22 30005
40	5	80	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1049-ND	1.22	.76	SL22 40005
50	4	80	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1051-ND	1.22	.76	SL22 50004
60	3	72	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1054-ND	1.22	.76	SL22 60003
120	3	80	20 ±1.0	7.8 ±2.0	38 ±9.0	570-1037-ND	1.22	.76	SL22 12103
.50	30	150	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1056-ND	1.76	1.08	SL32 0R530
.36	30	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1057-ND	1.76	1.08	SL32 0R536
1.0	30	160	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1059-ND	1.76	1.08	SL32 1R030
1.0	36	160	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1060-ND	1.76	1.08	SL32 1R036
2.0	23	250	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1061-ND	1.76	1.08	SL32 2R023
2.0	25	300	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1062-ND	1.76	1.08	SL32 2R025
4.0	23	200	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1063-ND	1.76	1.08	SL32 4R023
5.0	20	200	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1064-ND	1.73	1.08	SL32 5R020
10	15	150	30 ±2.5	7.8 ±2.0	38 ±9.0	570-1058-ND	1.76	1.08	SL32 10015

◆ RoHS Compliant

AVX Accu-Guard® SMD Thin-Film Fuse



The Accu-Guard series of fuses is based on thin-film techniques. This technology provides a level of control on the component electrical and physical characteristics that is generally not possible with standard fuse technologies. This has allowed AVX to offer a series of devices which are designed for modern surface mount circuit boards which require protection.



Features: • Accurate current rating • Fast-acting • Completely compatible with all soldering systems used for SMT **Approvals:** • UL, cUL, RCD#E143842 **Specifications:** • **Operating Temperature:** -55°C - 125°C • **Current Carrying Capacity:** -55°C 107% of rating; -25°C 100% of rating; 125°C 80% of rating • **Rated Voltage:** 32VAC VDC • **Interrupt Rating:** 50A • **Insulation Resistance:** >20MΩ guaranteed (after using at rated voltage)

Size	Dimensions Inches (mm)			
	L	W	T	B
0402	0.039 ±0.004 (1.00 ±0.10)	0.022 ±0.003 (0.55 ±0.07)	0.016 ±0.004 (0.40 ±0.10)	0.008 ±0.004 (0.20 ±0.10)
	0.063 ±0.004 (1.60 ±0.10)	0.032 ±0.004 (0.81 ±0.10)	0.025 ±0.004 (0.63 ±0.10)	0.014 ±0.006 (0.35 ±0.15)

Case Size	Amp Rating	Digi-Key Part No.	Cut Tape Price Each		Tape and Reel Pricing		AVX Part No.
			1	100	Qty.	Pricing	
0402	0.25	478-2852-1-ND	.25	.24	5,000	98.01/M	F0402E0R25FSTR
	0.50	478-2853-1-ND	.25	.24	5,000	98.01/M	F0402E0R50FSTR
	0.75	478-2854-1-ND	.25	.24	—	—	F0402E0R75FSTR
	1.00	478-2855-1-ND	.25	.24	—	98.01/M	F0402E1R00FSTR
	1.50	478-2856-1-ND	.25	.24	—	—	F0402E1R50FSTR
	2.00	478-2857-1-ND	.25	.24	5,000	98.01/M	F0402E2R00FSTR
0603	0.25	478-2858-1-ND	.28	.26	3,000	108.18/M	F0603E0R25FSTR
	0.375	478-2859-1-ND	.28	.26	3,000	108.18/M	F0603E0R37FSTR
	0.50	478-2860-1-ND	.28	.26	3,000	108.18/M	F0603E0R50FSTR
	0.75	478-2861-1-ND	.28	.26	3,000	108.18/M	F0603E0R75FSTR
	1.00	478-2862-1-ND	.28	.26	3,000	108.18/M	F0603E1R00FSTR
	1.25	478-2863-1-ND	.28	.26	3,000	108.18/M	F0603E1R25FSTR
	1.55	478-2864-1-ND	.28	.26	3,000	108.18/M	F0603E1R50FSTR
	1.75	478-2865-1-ND	.28	.26	3,000	108.18/M	F0603E1R75FSTR
	2.00	478-2866-1-ND	.28	.26	3,000	108.18/M	F0603E2R00FSTR
	2.50	478-2867-1-ND	.28	.26	3,000	108.18/M	F0603E2R50FSTR
3.00	478-2868-1-ND	.28	.26	3,000	108.18/M	F0603E3R00FSTR	

† For Tape and Reel part number, change 1-ND to 2-ND.

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

1934 (UK091)

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