



LITTELFUSE INC
MR. WILLIAM TRAVIS
800 E NORTHWEST HWY
DES PLAINES IL 60016

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XGPU2
Thermistor-type Devices - Component

January 13, 2009

LITTELFUSE INC
800 E NORTHWEST HWY, DES PLAINES IL 60016

E183209

PTC Current Limiter:

Model No.	Voltage (V)	Current (A)			Isc	Tmoa (C)	Class	CA
		Ih	It	Imax				
2029S100+	15 dc	1.1	2.2	8.0	40	25	C2	2,3,4,#
2029L125+	15 dc	1.25	2.5	8.0	40	25	C2	2,3,4,#
3425L150+	15 dc	1.5	3.0	8.0	40	25	C2	2,3,4,#
3425L200+	15 dc	2.0	4.0	8.0	40	25	C2	2,3,4,#
3425L250+	15 dc	2.5	5.0	8.0	40	25	C2	2,3,4,#
3425L300	6 dc	3.0	6.0	15.0	40	25	C2	2,3,4,#
1812X110++	6 dc	1.1	2.2	8.0	40	25	C2	2,3,4,#
1812X110+++								
1812X075++	13.2 dc	0.75	1.5	8.0	40	25	C2	2,3,4,#
1812X020++	30 dc	0.2	0.4	8.0	10	25	C3	2,3,4,#
1812X050++	15 dc	0.5	1.0	8.0	40	25	C2	2,3,4,#
1812X150++	6 dc	1.5	3.0	8.0	40	25	C3	2,3,4,#
1812X125++	6 dc	1.25	2.5	8.0	40	25	C3	2,3,4,#
1812X200MR++	6 dc	2.0	4.0	8.0	40	25	C2	2,4,5,#
1812X260MR++	6 dc	2.6	5.2	8.0	40	25	C2	2,4,5,#
1206X050+++	6	0.5	1.0	8.0	40	25	C1	1(110),2,3,4,#
1206X075+++	6	0.75	1.5	8.0	40	25	C1	1(110),2,3,4,#
1206X110+++	6	1.1	2.2	8.0	40	25	C1	1(110),2,3,4,#
1206X150++	6	1.5	3.0	8.0	40	25	C2	1(112),2,3,4,#
1206X035++	6	0.35	0.7	8.0	40	25	C1	1(103),2,3,4,#
1206X025++	15	0.25	0.5	8.0	40	25	C1	1(100),2,3,4,#
1206X020++	15	0.20	0.4	8.0	40	25	C1	1(100),2,3,4,#
1812X050PRT++	15 dc	0.5	1.0	8.0	40	25	C2	2,3,4,#
1812X075PRT++	13.2 dc	0.75	1.5	8.0	40	25	C1	2,3,4,#
1812X110PRT++	6 dc	1.1	2.2	8.0	40	25	C2	2,3,4,#



Model No.	Voltage (V)	Current (A)			Isc	Tmoa (C)	Class	CA
		Ih	It	Imax				
1812X125PRT++	6 dc	1.25	2.5	8.0	40	25	C2	2,3,4,#
1812X150PRT++	6 dc	1.5	3.0	8.0	40	25	C2	2,3,4,#
1812X160PRT++	6 dc	1.6	3.2	8.0	40	25	C2	2,3,4,#
2029L260+	6 dc	2.6	5.2	8.0	40	25	C2	2,3,4,#
030R090+	30 ac,dc	0.9	1.8	4.5	40	25	C2	2,4,#
030R110+	30 ac,dc	1.1	2.2	5.5	40	25	C2	2,4,#
030R135+	30 ac,dc	1.35	2.7	6.75	40	25	C2	2,4,#
030R160+	30 ac,dc	1.6	3.2	8	40	25	C2	2,4,#
030R185+	30 ac,dc	1.85	3.7	9.25	40	25	C2	2,4,#
030R250+	30 ac,dc	2.5	5	12.5	40	25	C2	2,4,#
030R300+	30 ac,dc	3	6	15	40	25	C2	2,4,#
030R400+	30 ac,dc	4	8	20	40	25	C2	2,4,#
030R500+	30 ac,dc	5	10	25	40	25	C2	2,4,#
030R600+	30 ac,dc	6	12	30	40	25	C2	2,4,#
030R700+	30 ac,dc	7	14	35	40	25	C2	2,4,#
030R800+	30 ac,dc	8	16	40	40	25	C2	2,4,#
030R900+	30 ac,dc	9	18	40	40	25	C2	2,4,#

PTC Current Limiters:

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	Imax				
15LR190, 15LR190###, 15LR190##, 15LR190S, 15LR190S###, 15LR190S##	15	1.9	3.9	100	100	85	C2	1(115), 2, 3, 4, #
15LR260, 15LR260###, 15LR260##, 15LR260S, 15LR260S###, 15LR260S##	15	2.6	5.8	100	100	85	C2	1(117), 2, 4, #
15LR380, 15LR380###, 15LR380##	15	3.8	8.3	100	100	85	C2	1(117), 2, 4, #
20LR450, 20LR450###, 20LR450##	20	4.5	8.9	100	100	85	C2	1(115), 2, 4, #
20LR550, 20LR550###, 20LR550##	20	5.5	10.5	100	100	85	C2	1(120), 2, 4, #
20LR600, 20LR600###, 20LR600##	20	6	11.7	100	100	85	C2	1(120), 2, 4, #
20LR730, 20LR730###, 20LR730##	20	7.3	14.1	100	100	85	C2	1(120), 2, 4, #
15LT070, 15LT070###, 15LT070##, 15LT070S, 15LT070S###, 15LT070S##	15	0.7	1.5	100	100	85	C2	1(110), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	I _{max}	I _{sc}			
24LT100, 24LT100##**, 24LT100##, 24LT100S, 24LT100S##**, 24LT100S##, 24LT100SS, 24LT100SS##**, 24LT100SS##	24	1	2.5	100	100	85	C2	1(115), 2, 4,#,3
24LT180, 24LT180##**, 24LT180##, 24LT180S, 24LT180S##**, 24LT180S##, 24LT180SS, 24LT180SS##**, 24LT180SS##	24	1.8	3.8	100	100	85	C2	1(115), 2, 4,#,3
24LT190, 24LT190##**, 24LT190##, 24LT190S, 24LT190S##**, 24LT190S##	24	1.9	4.2	100	100	85	C2	1(115), 2, 4,#,3
24LT260, 24LT260##**, 24LT260##	24	2.6	5.2	100	100	85	C2	1(117), 2, 4,#
24LT300, 24LT300##**, 24LT300##	24	3	6.3	100	100	85	C2	1(117), 2, 4,#
24LT310, 24LT310##**, 24LT310##	24	3.1	6	100	100	85	C2	1(117), 2, 4,#
24LT340, 24LT340##**, 24LT340##	24	3.4	6.8	100	100	85	C2	1(117), 2, 4,#
15ST120, 15ST120##**, 15ST120##	15	1.2	2.7	100	100	85	C1	1(125), 2, 4,#
15ST120S, 15ST120S##**, 15ST120S##	15	1.2	2.7	100	100	85	C1	1(125), 2, 4,#
15ST175, 15ST175##**, 15ST175##	15	1.75	3.8	100	100	85	C1	1(125), 2, 4,#
15ST175S, 15ST175S##**, 15ST175S##	15	1.75	3.8	100	100	85	C1	1(125), 2, 4,#
12VL170, 12VL170##**, 12VL170##	12	1.7	3.4	100	100	85	C2	1(120),3,4, #
12VL175L, 12VL175L##**, 12VL175L##, 12VL175XL, 12VL175XL##**, 12VL175XL##	12	1.75	4.2	100	100	85	C3	1(120),3,4, #
12VL230, 12VL230##**, 12VL230##	12	2.3	5	100	100	85	C3	1(120),3,4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	I _{max}				
16VT170, 16VT170###, 16VT170##, 16VT170XS, 16VT170XS###, 16VT170XS##	16	1.7	3.4	100	100	85	C2	1(120), 2, 3, 4, #
16VT175, 16VT175###, 16VT175##, 16VT175S, 16VT175S###, 16VT175S##, 16VT175L, 16VT175L###, 16VT175L##, 16VT175XL, 16VT175XL###, 16VT175XL##	16	1.75	3.8	100	100	85	C2	1(120), 2, 3, 4, #
16VT175EL, 16VT175EL###, 16VT175EL##, 16VT175NEL, 16VT175NEL###, 16VT175NEL##	16	1.75	3.6	100	100	85	C2	1(120), 2, 3, 4, #
16VT200, 16VT200###, 16VT200##, 16VT200S, 16VT200S###, 16VT200S##, 16VT200UL, 16VT200UL###, 16VT200UL##	16	2	4.5	100	100	85	C2	1(130), 2, 3, 4, #
16VT210, 16VT210###, 16VT210##, 16VT210L, 16VT210L###, 16VT210L##	16	2.1	4.7	100	100	85	C2	1(130), 2, 3, 4, #
16VT210S, 16VT210S###, 16VT210S##, 16VT210SS, 16VT210SS###, 16VT210SS##, 16VT210NL, 16VT210NL###, 16VT210NL##, 16VT210UL, 16VT210UL###, 16VT210UL##	16	2.1	4.7	100	100	85	C3	1(130), 2, 3, 4, #
16VT240, 16VT240###, 16VT240##	16	2.4	5.4	100	100	85	C2	1(120), 2, 3, 4, #
1206L160, 1206L160 ###, 1206L160##	6	1.6	3.2	100	100	85	C3	1(102), 2, 3, 4, #
250R080CF	60	0.08	0.16	3	3	85	C1	1(95), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	Imax				
250R120CF, 250R120CF-RA, 250R120CF-RC, 250R120CF-RF, 250R120CF-R1, 250R120CF-R2, 250R120CF-R3, 250R120CFT	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R145CF, 250R145CF-RA, 250R145CF-RB, 250R145CFT	60	0.145	0.29	3	3	85	C1	1(95),2,3,4,#
250R180CF, 250R180CFT	60	0.18	0.65	10	10	85	C1	1(95),2,3,4,#
600R150CF-RA, 600R150CF-RB	60	0.15	0.3	3	3	85	C1	1(95),2,3,4,#
600R160CF, 600R160CF-RA, 600R160CF-R1	60	0.16	0.32	3	3	85	C1	1(90),2,3,4,#
1210L005, 1210L005 ###, 1210L005##	30	0.05	0.15	10	10	85	C1	1(85),2,3,4, #
1210L010, 1210L010 ###, 1210L010##	30	0.1	0.3	10	10	85	C2	1(101),2,3,4, #
1210L020, 1210L020 ###, 1210L020##	30	0.2	0.4	10	40	85	C2	1(100), 2, 3, 4, #
1210L035, 1210L035 ###, 1210L035##	6	0.35	0.7	100	100	85	C2	1(110), 2, 3, 4, #
1210L050, 1210L050 ###, 1210L050##	13.2	0.5	1	100	100	85	C2	1(110), 2, 3, 4, #
1210L075, 1210L075 ###, 1210L075##	6	0.75	1.5	100	100	85	C2	1(110), 2, 3, 4, #
1210L110, 1210L110 ###, 1210L110##	6	1.1	2.2	100	100	85	C2	1(110), 2, 3, 4, #
1210L150, 1210L150 ###, 1210L150##	6	1.5	3	100	100	85	C1	1(115), 2, 3, 4, #
1812L010,, 1812L010 ###, 1812L010##	30	0.1	0.3	100	100	85	C2	1(95),2,3,4, #
1812L014, 1812L014 ###, 1812L014##	60	0.14	0.34	100	100	85	C1	1(95),2,3,4, #
1812L020, 1812L020 ###, 1812L020##	30	0.2	0.4	100	100	85	C1	1(95),2,3,4, #
1812L050-C, 1812L050###, 1812L050##	15	0.5	1	100	100	85	C2	1(110), 2, 3, 4, #
1812L075-C, 1812L075###, 1812L075##	13.2	0.75	1.5	100	100	85	C3	1(100),2,3,4, #
1812L075/24, 1812L075/24 ###, 1812L075/24##	24	0.75	1.5	100	100	85	C3	1(100),2,3,4, #
1812L075/33, 1812L075/33 ###, 1812L075/33##	33	0.75	1.5	20	20	85	C1	1(110),2,3,4, #
1812L110-C, 1812L110###, 1812L110##	8	1.1	2.2	100	100	85	C1	1(102), 2, 3, 4, #
1812L110/16, 1812L110/16 ###, 1812L110/16##	16	1.1	1.95	100	100	85	C1	1(100),2,3,4, #

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	Imax	Isc			
1812L110/33, 1812L110/33 ##**, 1812L110/33##	33	1.1	1.95	20	20	85	C1	1(110),2,3,4, #
1812L125-C, 1812L125##**, 1812L125##	15	1.25	2.5	100	100	85	C1	1(115), 2, 3, 4, #
1812L150-C, 1812L150##**, 1812L150##	8	1.5	3	100	100	85	C2	1(105),2,3,4, #
1812L150/12, 1812L150/12 ##**, 1812L150/12##	12	1.5	3	100	100	85	C2	1(105),2,3,4, #
1812L150/24, 1812L150/24 ##**, 1812L150/24##	24	1.5	3	20	20	85	C1	1(105),2,3,4, #
1812L160-C, 1812L160##**, 1812L160##	8	1.6	2.8	100	100	85	C2	1(105),2,3,4, #
1812L160/12, 1812L160/12 ##**, 1812L160/12##	12	1.6	2.8	100	100	85	C2	1(105),2,3,4, #
1812L200-C, 1812L200##**, 1812L200##	8	2	3.5	100	100	85	C1	1(115), 2, 3, 4, #
1812L260-C, 1812L260##**, 1812L260##	6	2.6	5.2	100	100	85	C1	1(105),2,3,4, #
60R020X, 60R020X ##**, 60R020X##	60	0.2	0.4	40	40	85	C1	1(100), 2, 4, #
60R025X, 60R025X ##**, 60R025X##	60	0.25	0.5	40	40	85	C1	1(120), 2, 4, #
60R030X, 60R030X ##**, 60R030X##	60	0.3	0.6	40	40	85	C1	1(120), 2, 4, #
60R040X, 60R040X ##**, 60R040X##	60	0.4	0.8	40	40	85	C1	1(120), 2, 4, #
60R050X, 60R050X ##**, 60R050X##	60	0.5	1	40	40	85	C1	1(120), 2, 4, #
60R065X, 60R065X ##**, 60R065X##	60	0.65	1.3	40	40	85	C1	1(120), 2, 4, #
60R075X, 60R075X ##**, 60R075X##	60	0.75	1.5	40	40	85	C1	1(120), 2, 4, #
60R090X, 60R090X ##**, 60R090X##	60	0.9	1.8	40	40	85	C1	1(120), 2, 4, #
60R110X, 60R110X ##**, 60R110X##	60	1.1	2.2	40	40	85	C1	1(120), 2, 4, #
60R135X, 60R135X ##**, 60R135X##	60	1.35	2.7	40	40	85	C1	1(120), 2, 4, #
60R160X, 60R160X ##**, 60R160X##	60	1.6	3.2	40	40	85	C1	1(120), 2, 4, #
60R185X, 60R185X ##**, 60R185X##	60	1.85	3.7	40	40	85	C1	1(120), 2, 4, #
60R250X, 60R250X ##**, 60R250X##	60	2.5	5	40	40	85	C1	1(120), 2, 4, #
60R300X, 60R300X ##**, 60R300X##	60	3	6	40	40	85	C1	1(120), 2, 4, #
60R375X, 60R375X ##**, 60R375X##	60	3.75	7.5	40	40	85	C2	1(120), 2, 4, #
30R110U, 30R110U ##**, 30R110U##	30	1.1	2.2	40	40	85	C1	1(125), 2, 4, #
30R135U, 30R135U ##**, 30R135U##	30	1.35	2.7	40	40	85	C1	1(125), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	Imax				
30R160U,, 30R160U ##**, 30R160U##	30	1.6	3.2	40	40	85	C1	1(125), 2, 3, 4, #
30R185U, 30R185U ##**, 30R185U##	30	1.85	3.7	40	40	85	C1	1(125), 2, 4, #
30R250U, 30R250U ##**, 30R250U##	30	2.5	5	40	40	85	C1	1(125), 2, 4, #
30R300U, 30R300U ##**, 30R300U##	30	3	6	40	40	85	C1	1(125), 2, 4, #
30R400U, 30R400U ##**, 30R400U##	30	4	8	40	40	85	C1	1(125), 2, 4, #
30R500U, 30R500U ##**, 30R500U##	30	5	10	40	40	85	C1	1(125), 2, 4, #
30R600U, 30R600U ##**, 30R600U##	30	6	12	40	40	85	C1	1(125), 2, 4, #
30R700U, 30R700U ##**, 30R700U##	30	7	14	40	40	85	C1	1(125), 2, 4, #
30R800U, 30R800U ##**, 30R800U##	30	8	16	40	40	85	C1	1(125), 2, 4, #
30R900U, 30R900U ##**, 30R900U##	30	9	18	40	40	85	C1	1(125), 2, 4, #
2920L030,	60	0.3	0.6	10	40	85	C1	1(115), 2, 3, 4
2920L050	60	0.5	1	10	40	85	C1	1(115), 2, 3, 4
2920L075	30	0.75	1.5	40	40	85	C2	1(115), 2, 3, 4
2920L100	33	1.1	2.2	40	40	85	C2	1(115), 2, 3, 4
2920L125	15	1.25	2.5	40	40	85	C2	1(110), 2, 3, 4
2920L150	33	1.5	3	40	40	85	C2	1(115), 2, 3, 4
2920L185	33	1.85	3.7	40	40	85	C2	1(115), 2, 3, 4
2920L200	15	2	4	40	40	85	C1	1(115), 2, 3, 4
2920L200/24	24	2	4	40	40	85	C1	1(115), 2, 3, 4
2920L250	15	2.5	5	40	40	85	C1	1(115), 2, 3
2920L260	6	2.6	5.2	40	40	85	C1	1(115), 2, 4
2920L300	6	3	6	40	40	85	C1	1(115), 2, 4
2920L300/15	15	3	6	40	40	85	C1	1(115), 2, 3, 4
2016L030	60	0.3	0.6	20	20	85	C1	1(101), 2, 3, 4
2016L050	60	0.55	1.1	20	20	85	C1	1(105), 2, 3, 4
2016L100	15	1.1	2.2	40	40	85	C2	1(110), 2, 3, 4
2016L100/33	33	1.1	2.2	40	40	85	C2	1(110), 2, 3, 4
2016L150	15	1.5	3	40	40	85	C2	1(110), 2, 3, 4
2016L200	6	2	4.2	40	40	85	C2	1(105), 2, 3, 4
1206L012	30	0.125	0.29	100	100	85	C1	1(90), 2, 3, 4
1206L016	30	0.16	0.37	100	100	85	C1	1(90), 2, 3, 4
1206L020-C	24	0.2	0.42	100	100	85	C1	1(90), 2, 3, 4
1206L025-C	16	0.25	0.5	100	100	85	C1	1(90), 2, 3, 4
1206L035-C	6	0.35	0.75	100	100	85	C1	1(90), 2, 3, 4
1206L035/15	15	0.35	0.75	100	100	85	C1	1(90), 2, 3, 4
1206L050-C	6	0.5	1	100	100	85	C1	1(100), 2, 3, 4
1206L050/15	15	0.5	1	100	100	85	C1	1(95), 2, 3, 4
1206L075-C	6	0.75	1.5	100	100	85	C1	1(100), 2, 3, 4
1206L100	6	1	1.8	100	100	85	C2	1(100), 2, 3, 4
1206L110-C	6	1.1	2.2	100	100	85	C2	1(100), 2, 3, 4
1206L150-C	6	1.5	3	100	100	85	C2	1(100), 2, 3, 4

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	Imax	Isc			
16R250G, 16R250G###*, 16R250G##	16	2.5	4.7	100	100	85	C2	1(118), 2, 3, 4, #
16R300G, 16R300G###*, 16R300G##	16	3	5.1	100	100	85	C2	1(115), 2, 3, 4, #
16R400G, 16R400G###*, 16R400G##	16	4	6.8	100	100	85	C2	1(115), 2, 3, 4, #
16R500G, 16R500G###*, 16R500G##	16	5	8.5	100	100	85	C2	1(115), 2, 3, 4, #
16R600G, 16R600G###*, 16R600G##	16	6	10.2	100	100	85	C1	1(115), 2, 3, 4, #
16R700G, 16R700G###*, 16R700G##	16	7	11.9	100	100	85	C1	1(130), 2, 4, #
16R800G, 16R800G###*, 16R800G##	16	8	13.6	100	100	85	C1	1(130), 2, 4, #
16R900G, 16R900G###*, 16R900G##	16	9	15.3	100	100	85	C1	1(130), 2, 4, #
16R1000G, 16R1000G###*, 16R1000G##	16	10	17	100	100	85	C1	1(130), 2, 4, #
16R1100G, 16R1100G###*, 16R1100G##	16	11	18.7	100	100	85	C1	1(130), 2, 4, #
16R1200G, 16R1200G###*, 16R1200G##	16	12	20.4	100	100	85	C1	1(130), 2, 4, #
16R1400G, 16R1400G###*, 16R1400G##	16	14	23.8	100	100	85	C1	1(130), 2, 4, #
06R075B, 06R075B###*, 06R075B##	6	0.75	1.3	40	40	85	C3	1(90), 2, 3, 4, #
06R120B, 06R120B###*, 06R120B##	6	1.2	2	40	40	85	C1	1(94), 2, 3, 4, #
06R155B, 06R155B###*, 06R155B##	6	1.55	2.7	40	40	85	C1	1(94), 2, 3, 4, #
16R090B, 16R090B###*, 16R090B##	16	0.9	1.8	40	40	85	C2	1(105), 2, 3, 4, #
16R110B, 16R110B###*, 16R110B##	16	1.1	2.2	40	40	85	C1	1(109), 2, 3, 4, #
16R135B, 16R135B###*, 16R135B##	16	1.35	2.7	40	40	85	C1	1(109), 2, 3, 4, #
16R160B, 16R160B###*, 16R160B##	16	1.6	3.2	40	40	85	C1	1(109), 2, 3, 4, #
16R185B, 16R185B###*, 16R185B##	16	1.85	3.7	40	40	85	C1	1(109), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	Imax	Isc			
16R250B, 16R250B###*, 16R250B##	16	2.5	5	40	40	85	C1	1(109),2,4, #
250R080, 250R080###*, 250R080##	60	0.08	0.16	3	3	85	C1	1(95),2,3,4,#
250R120, 250R120###*, 250R120##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-RA, 250R120-RA###*, 250R120-RA##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-RC, 250R120-RC###*, 250R120-RC##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-RE, 250R120-RE###*, 250R120-RE##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-R1, 250R120-R1###*, 250R120-R1##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-R2, 250R120-R2###*, 250R120-R2##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120-R3, 250R120-R3###*, 250R120-R3##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R120T, 250R120T###*, 250R120T##	60	0.12	0.24	3	3	85	C1	1(95),2,3,4,#
250R145, 250R145###*, 250R145##	60	0.145	0.29	3	3	85	C1	1(95),2,3,4,#
250R145-RA, 250R145-RA###*, 250R145-RA##	60	0.145	0.29	3	3	85	C1	1(95),2,3,4,#
250R145-RB, 250R145-RB###*, 250R145-RB##	60	0.145	0.29	3	3	85	C1	1(95),2,3,4,#
250R145T, 250R145T###*, 250R145T##	60	0.145	0.29	3	3	85	C1	1(95),2,3,4,#
250R180, 250R180###*, 250R180##	60	0.18	0.65	10	10	85	C1	1(95),2,3,4,#
250R180T, 250R180T###*, 250R180T##	60	0.18	0.65	10	10	85	C1	1(95),2,3,4,#
600R150-RA, 600R150-RA###*, 600R150-RA##	60	0.15	0.3	3	3	85	C1	1(95),2,3,4,#
600R150-RB, 600R150-RB###*, 600R150-RB##	60	0.15	0.3	3	3	85	C1	1(95),2,3,4,#
600R160, 600R160###*, 600R160##	60	0.16	0.32	3	3	85	C1	1(90),2,3,4,#
600R160-RA, 600R160-RA###*, 600R160-RA##	60	0.16	0.32	3	3	85	C1	1(90),2,3,4,#

Model No.	Voltage (Vdc)	Current (A)				Isc	Tmoa	Class	CA
		Ih	It	Imax					
600R160-R1, 600R160-R1###*, 600R160-R1##	60	0.16	0.32	3	3	85	C1	1(90),2,3,4,#	
0805L010, 0805L010###*, 0805L010##	15	0.1	0.3	100	100	85	C3	1(80),2,3,4	
0805L020, 0805L020###*, 0805L020##	9	0.2	0.5	100	100	85	C2	1(85),2,3,4	
0805L035, 0805L035###*, 0805L035##	6	0.35	0.75	100	100	85	C1	1(90),2,3,4	
0805L050, 0805L050###*, 0805L050##	6	0.5	1	100	100	85	C2	1(90),2,3,4	
0805L075, 0805L075###*, 0805L075##	6	0.75	1.5	40	40	85	C1	1(96),2,3,4	
0805L100, 0805L100###*, 0805L100##	6	1	1.95	40	40	85	C1	1(96),2	
0805L010	15	0.1	0.3	100	100	85	C3	1(80),2,3,4	
0805L020	9	0.2	0.5	100	100	85	C2	1(85),2,3,4	
0805L035	6	0.35	0.75	100	100	85	C1	1(90),2,3,4	
0805L050	6	0.5	1	100	100	85	C2	1(90),2,3,4	
0805L075	6	0.75	1.5	40	40	85	C1	1(96),2,3,4	
0805L100	6	1	1.95	40	40	85	C1	1(96),2	
0603L010, 0603L010###*, 0603L010##	15	0.1	0.3	40	40	85	C1	1(71), 2, 3, 4	
0603L020, 0603L020###*, 0603L020##	9	0.2	0.5	40	40	85	C1	1(71), 2, 3, 4	
0603L025, 0603L025###*, 0603L025##	9	0.25	0.55	40	40	85	C1	1(71), 2, 3, 4	
0603L035, 0603L035###*, 0603L035##	6	0.35	0.75	40	40	85	C1	1(71), 2, 3, 4	
1206L025/24, 1206L025/24###*, 1206L025/24##	24	0.25	0.55	100	100	85	C1	1(90), 2, 3, 4	
1206L035/16, 1206L035/16###*, 1206L035/16##	16	0.35	0.75	100	100	85	C1	1(90), 2, 3, 4	
1206L075/8, 1206L075/8###*, 1206L075/8##	8	0.75	1.5	100	100	85	C1	1(116), 2, 3, 4	
1206L075/13.2, 1206L075/13.2###*, 1206L075/13.2##	13.2	0.75	1.5	100	100	85	C1	1(100), 2, 3, 4	
1206L100/9, 1206L100/9###*, 1206L100/9##	9	1	1.8	100	100	85	C1	1(100), 2, 3, 4	
1206L125, 1206L125###*, 1206L125##	6	1.25	2.5	100	100	85	C1	1(100), 2, 3, 4	
1206L175, 1206L175###*, 1206L175##	6	1.75	3.5	100	100	85	C2	1(100), 2, 3, 4	

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	Imax				
1206L200, 1206L200##**, 1206L200##	6	2	3.5	100	100	85	C3	1(102), 2, 3, 4
1210L175, 1210L175##**, 1210L175##	6	1.75	3.5	100	100	85	C2	1(130), 2, 3, 4
1210L200, 1210L200##**, 1210L200##	6	2	4	100	100	85	C2	1(130), 2, 3, 4
1812L035/30, 1812L035/30##**, 1812L035/30##	30	0.35	0.75	40	40	85	C1	1(100), 2, 3, 4
1812L110/24, 1812L110/24##**, 1812L110/24##	24	1.1	1.95	20	20	85	C1	1(101), 2, 3, 4
2920L075/60, 2920L075/60##**, 2920L075/60##	60	0.75	1.5	10	10	85	C1	1(109), 2, 3, 4
1812L300, 1812L300##**, 1812L300##	6	3	5	100	100	85	C2	1(115), 2, 3, 4
1210L075/24, 1210L075/24##**, 1210L075/24##	24	0.75	1.5	100	100	85	C2	1(100), 2, 3, 4
1812L050/30, 1812L050/30##**, 1812L050/30##	30	0.5	1	40	40	85	C1	1(96), 2, 3, 4
1812L125/16, 1812L125/16##**, 1812L125/16##	16	1.25	2.5	100	100	85	C1	1(115), 2, 3, 4
1812L150/15, 1812L150/15##**, 1812L150/15##	15	1.5	3	100	100	85	C2	1(105), 2, 3, 4
1812L160/15, 1812L160/15##**, 1812L160/15##	15	1.6	2.8	100	100	85	C2	1(105), 2, 3, 4
1812L230, 1812L230##**, 1812L230##	8	2.3	4.6	100	100	85	C1	1(115), 2, 3, 4
1812L260/8, 1812L260/8 ##**, 1812L260/8##	8	2.6	5	100	100	85	C1	1(105), 2, 3, 4
1812L260/12, 1812L260/12 ##**, 1812L260/12##	12	2.6	5	100	100	85	C2	1(106), 2, 3, 4
1812L260/13.2, 1812L260/13.2 ##**, 1812L260/13.2##	13.2	2.6	5	100	100	85	C2	1(106), 2, 3, 4
1812L260/16, 1812L260/16 ##**, 1812L260/16##	16	2.6	5	100	100	85	C2	1(106), 2, 3, 4
30R090U, 30R090U ##**, 30R090U##	30	0.9	1.8	40	40	85	C1	1(120), 2, 4
60R010X, 60R010X ##**, 60R010X##	60	0.1	0.2	40	40	85	C3	1(90), 2, 3, 4
60R017X, 60R017X ##**, 60R017X##	60	0.17	0.34	40	40	85	C3	1(90), 2, 3, 4
250R080T, 250R080T##**, 250R080T##	60	0.08	0.16	3	3	85	C1	1(95), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	Imax	Isc			
600R150, 600R150##**, 600R150##	60	0.15	0.3	3	3	85	C1	1(95), 2, 3, 4, #
30ST200, 30ST200##**, 30ST200##	30	2	4.4	100	100	85	C1	1(115), 2, 4, #
30ST350, 30ST350##**, 30ST350##	30	3.5	6.3	100	100	85	C1	1(115), 2, 4, #
30ST420, 30ST420##**, 30ST420##	30	4.2	7.6	100	100	85	C1	1(115), 2, 4, #
20LR900, 20LR900##**, 20LR900##	20	9	16.7	100	100	85	C1	1(115), 2, 4, #
20LR1000, 20LR1000##**, 20LR1000##	20	10	19	100	100	85	C1	1(115), 2, 4, #
16VT170XSD, 16VT170XSD##**, 16VT170XSD##	16	1.7	3.4	100	100	85	C2	1(120), 2, 3, 4, #
16VT210LS, 16VT210LS##**, 16VT210LS##	16	2.1	4.7	100	100	85	C2	1(130), 2, 3, 4, #
72R090X, 72R090X##**, 72R090X##	72	0.9	1.8	40	40	85	C1	1(118), 2, 4, #
72R110X, 72R110X##**, 72R110X##	72	1.1	2.2	40	40	85	C1	1(121), 2, 4, #
72R135X, 72R135X##**, 72R135X##	72	1.35	2.7	40	40	85	C1	1(121), 2, 4, #
72R160X, 72R160X##**, 72R160X##	72	1.6	3.2	40	40	85	C1	1(121), 2, 4, #
72R185X, 72R185X##**, 72R185X##	72	1.85	3.7	40	40	85	C1	1(121), 2, 4, #
72R250X, 72R250X##**, 72R250X##	72	2.5	5	40	40	85	C1	1(121), 2, 4, #
72R300X, 72R300X##**, 72R300X##	72	3	6	40	40	85	C1	1(121), 2, 4, #
72R375X, 72R375X##**, 72R375X##	72	3.75	7.5	40	40	85	C1	1(121), 2, 4, #
1812L150/16, 1812L150/16##**, 1812L150/16##	16	1.5	2.8	100	100	85	C2	1(109)2, 3, 4, #
1812L125/6, 1812L125/6##**, 1812L125/6##	6	1.25	2.5	100	100	85	C1	1(115), 2, 3, 4, #
06SL190G, 06SL190G##**, 06SL190G##	6	1.9	4.9	50	50	85	C4	1(76), 2, 4, #
72R020X, 72R020X##**, 72R020X##	72	0.2	0.4	40	40	85	C1	1(99), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	I _{max}				
72R025X, 72R025X###, 72R025X##	72	0.25	0.5	40	40	85	C1	1(118), 2, 4, #
72R030X, 72R030X###, 72R030X##	72	0.3	0.6	40	40	85	C1	1(118), 2, 4, #
72R040X, 72R040X###, 72R040X##	72	0.4	0.8	40	40	85	C1	1(118), 2, 4, #
72R050X, 72R050X###, 72R050X##	72	0.5	1	40	40	85	C1	1(118), 2, 4, #
72R065X, 72R065X###, 72R065X##	72	0.65	1.3	40	40	85	C1	1(118), 2, 4, #
72R075X, 72R075X###, 72R075X##	72	0.75	1.5	40	40	85	C1	1(118), 2, 4, #
2920L030###, 2920L030##	60	0.3	0.6	10	40	85	C1	1(115), 2, 3, 4, #
2920L050###, 2920L050##	60	0.5	1.0	10	40	85	C1	1(115), 2, 3, 4, #
2920L075###, 2920L075##	30	0.75	1.5	40	40	85	C2	1(115), 2, 3, 4, #
2920L100###, 2920L100##	33	1.1	2.2	40	40	85	C2	1(115), 2, 3, 4, #
2920L125###, 2920L125##	15	1.25	2.5	40	40	85	C2	1(110), 2, 3, 4, #
2920L150###, 2920L150##	33	1.5	3.0	40	40	85	C2	1(115), 2, 3, 4, #
2920L185###, 2920L185##	33	1.85	3.7	40	40	85	C2	1(115), 2, 3, 4, #
2920L200###, 2920L200##	15	2.0	4.0	40	40	85	C1	1(115), 2, 3, 4, #
2920L200/24###, 2920L200/24##	24	2.0	4.0	40	40	85	C1	1(115), 2, 3, 4, #
2920L250###, 2920L250##	15	2.5	5.0	40	40	85	C1	1(115), 2, 3
2920L260###, 2920L260##	6	2.6	5.2	40	40	85	C1	1(115), 2, 4, #
2920L300###, 2920L300##	6	3.0	6.0	40	40	85	C1	1(115), 2, 4, #
2920L300/15###, 2920L300/15##	15	3.0	6.0	40	40	85	C1	1(115), 2, 3, 4, #
2016L030###, 2016L030##	60	0.3	0.6	20	20	85	C1	1(101), 2, 3, 4, #
2016L050###, 2016L050##	60	0.55	1.1	20	20	85	C1	1(105), 2, 3, 4, #
2016L100###, 2016L100##	15	1.1	2.2	40	40	85	C2	1(110), 2, 3, 4, #
2016L100/33###, 2016L100/33##	33	1.1	2.2	40	40	85	C2	1(110), 2, 3, 4, #
2016L150###, 2016L150##	15	1.5	3.0	40	40	85	C2	1(110), 2, 3, 4, #
2016L200###, 2016L200##	6	2.0	4.2	40	40	85	C2	1(105), 2, 3, 4, #
1206L012###, 1206L012##	30	0.125	0.29	100	100	85	C1	1(90), 2, 3, 4, #
1206L016###, 1206L016##	30	0.16	0.37	100	100	85	C1	1(90), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)				Tmoa	Class	CA
		Ih	It	Imax	Isc			
1206L020##**, 1206L020##	0.2	24	0.42	100	100	85	C1	1(90), 2, 3, 4, #
1206L025##**, 1206L025##	16	0.25	0.5	100	100	85	C1	1(90), 2, 3, 4, #
1206L035##**, 1206L035##	6	0.35	0.75	100	100	85	C1	1(90), 2, 3, 4, #
1206L035/15##**, 1206L035/15##	15	0.35	0.75	100	100	85	C1	1(90), 2, 3, 4, #
1206L050##**, 1206L050##	6	0.5	1.0	100	100	85	C1	1(100), 2, 3, 4, #
1206L050/15##**, 1206L050/15##	15	0.5	1.0	100	100	85	C1	1(95), 2, 3, 4, #
1206L075##**, 1206L075##	6	0.75	1.5	100	100	85	C1	1(100), 2, 3, 4, #
1206L100##**, 1206L100##	6	1.0	1.8	100	100	85	C2	1(100), 2, 3, 4, #
1206L110##**, 1206L110##	6	1.1	2.2	100	100	85	C2	1(100), 2, 3, 4, #
1206L150##**, 1206L150##	6	1.5	3.0	100	100	85	C2	1(100), 2, 3, 4, #
0603L050SL, 0603L050SL##, 0603L050SL##**(a)	6	0.50	1.00	50	50	85	C4	1(82), 2, 3, 4, #
0603L075SL, 0603L075SL##, 0603L075SL##**(a)	6	0.75	1.50	50	50	85	C1	1(78.2), 2, 3, 4, #
0603L100SL, 0603L100SL##, 0603L100SL##**(a)	6	1.00	1.80	50	50	85	C1	1(78.2), 2, 3, 4, #
0805L075SL, 0805L075SL##, 0805L075SL##**(a)	6	0.75	1.50	50	50	85	C2	1(86.8), 2, 3, 4, #
0805L110SL, 0805L110SL##, 0805L110SL##**(a)	6	1.00	1.80	50	50	85	C2	1(86.8), 2, 3, 4, #
0805L125SL, 0805L125SL##, 0805L125SL##**(a)	6	1.25	2.50	50	50	85	C2	1(86.8), 2, 3, 4, #
0805L150SL, 0805L150SL##, 0805L150SL##**(a)	6	1.50	3.00	50	50	85	C2	1(86.8), 2, 3, 4, #
1206L150SL, 1206L150SL##, 1206L150SL##**(a)	6	1.50	3.00	50	50	85	C2	1(95), 2, 3, 4, #
1206L200SL, 1206L200SL##, 1206L200SL##**(a)	6	2.00	3.50	50	50	85	C2	1(95), 2, 3, 4, #
1206L050SL, 1206L050SL##, 1206L050SL##**(a)	6	0.5	1.5	50	50	85	C3	1(85.9), 2, 3, 4, #
1206L075SL, 1206L075SL##, 1206L075SL##**(a)	6	0.75	1.8	50	50	85	C3	1(85.9), 2, 3, 4, #
1206L110SL, 1206L110SL##, 1206L110SL##**(a)	6	1.1	2.200	50	50	85	C3	1(85.9), 2, 3, 4, #
0805L050TH, 0805L050TH##, 0805L050TH##**(a)	6	0.5	1.50	100	100	85	C3	1(68), 2, 3, 4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	I _{max}				
1206L075TH, 1206L075TH##, 1206L075TH###*(a)	8	0.75	1.5	100	100	85	C1	1(116), 2, 3, 4, #
1206L150TH, 1206L150TH##, 1206L150TH###*(a)	8	1.50	3.00	100	100	85	C1	1(116), 2, 3, 4, #
1206L110TH, 1206L110TH##, 1206L110TH###*(a)	8	1.10	2.20	100	100	85	C1	1(93.9), 2, 3, 4, #
1210L175SL, 1210L175SL##, 1210L175SL###*(a)	6	1.75	3.50	50	50	85	C2	1(97.1), 2, 3, 4, #
1210L200SL, 1210L200SL##, 1210L200SL###*(a)	6	2.0	4.00	50	50	85	C4	1(96.7), 2, 3, 4, #
1210L260SL, 1210L260SL##, 1210L260SL###*(a)	6	2.6	5.00	50	50	85	C4	1(96.7), 2, 3, 4, #
1812L190SL, 1812L190SL##, 1812L190SL###*(a)	6.0	1.90	4.90	50	50	85	C3	1(98.1), 2, 4, #
1812L260SL, 1812L260SL##, 1812L260SL###*(a)	6.0	2.60	6.00	50	50	85	C3	1(130), 2, 4, #
1812L270SL, 1812L270SL##, 1812L270SL###*(a)	6.0	2.70	6.20	50	50	85	C3	1(130), 2, 4, #
1812L350SL, 1812L350SL##, 1812L350SL###*(a)	6.0	3.50	8.10	50	50	85	C3	1(130), 2, 4, #
1812L370SL, 1812L370SL##, 1812L370SL###*(a)	6.0	3.70	9.10	50	50	85	C3	1(130), 2, 4, #
1210L110TH, 1210L110TH##, 1210L110TH###*(a)	8.0	1.10	2.20	100	100	85	C2	1(109), 2, 3, 4, #
1210L150TH, 1210L150TH##, 1210L150TH###*(a)	6.0	1.50	3.00	100	100	85	C2	1(109), 2, 3, 4, #
1812L110TH, 812L110TH##, 1812L110TH###*(a)	16.0	1.10	1.95	100	100	85	C2	1(109), 2, 3, 4, #
1812L150TH, 1812L150TH##, 1812L150TH###*(a)	12.0	1.5	2.80	100	100	85	C2	1(109), 2, 3, 4, #
1812L200TH, 1812L200TH##, 1812L200TH###*(a)	8.0	2.00	3.5	100	100	85	C2	1(106), 2, 3, 4, #
1812L260TH, 1812L260TH##, 1812L260TH###*(a)	8	2.6	5.2	100	100	85	C1	1(105), 2, 3, 4, #
250C120, 250C120##, 250C120###*(a)	100	0.12	0.24	3	3	85	C1	1(119), 2, 3, 4, #
250C145, 250C145##, 250C145###*(a)	100	0.145	0.29	3	3	85	C1	1(119), 2, 3, 4, #
250C150, 250C150##, 250C150###*(a)	60	0.15	0.30	3	3	85	C1	1(90), 2, 4, #
250C160, 250C160##, 250C160###*(a)	60	0.16	0.32	3	3	85	C1	1(90), 2, 4, #
600C150, 600C150##, 600C150###*(a)	100	0.15	0.30	3	3	85	C1	1(120), 2, 4, #

Model No.	Voltage (Vdc)	Current (A)			Isc	Tmoa	Class	CA
		Ih	It	I _{max}				
600C160, 600C160##, 600C160##*(a)	100	0.16	0.32	3	3	85	C1	1(120),2,4,#

Polymeric positive temperature coefficient (PTC) resistors, Models 30R090, -110, -135, -160, -185, -250, -300, -400, -500, -600, -700, -800, -900, 60R010, -017, -020, -025, -030, -040, -050, -065, -075, -090, -110, -135, -160, -185, -250, -300, -375, 2029L030, -050, -075, -100.

Model 030L, followed by 090, 110, 135, 160, 185, 250, 300, 400, 600, 700, 800 or 900, may be followed by up to four suffix letters and/or numbers.

(+)May be followed by up to 4 suffix letters and/or numbers.

(++)'X' may be 'L' or 'S' may be followed by up to 4 suffix letters and/or numbers.

(+++)'X' may be 'L' or 'S', may be followed by up to 4 suffix letters and/or numbers, followed by the letter "N".

Unique conditions of acceptability.

##: These two words mean the packing quantity and packing method. "##" represents the letters A-Z.


(a)## - For non-halide-free parts.

##*- For halide-free parts.

** : For halide-free parts. "**" represents the letters HF.

These devices have been evaluated for indoor use only.

The trip state of these devices shall be apparent in the end-use application and a manual intervention is required in order to reset the device.

Marking: Company name or trademark  and part or model designation on product.

See General Information Preceding These Recognitions

For use only in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.