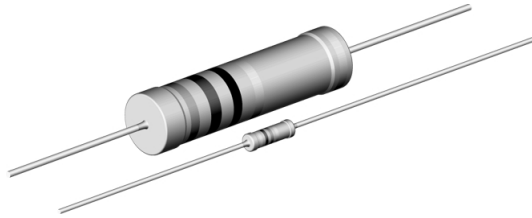


Carbon Film Resistors, Fusible Type



FEATURES

- Fusible resistor for constant voltage
- Specially spiralled to provide the fusible function
- Flame-proof protection
- Fusible resistor

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	POWER RATING $P_{70^{\circ}\text{C}}$ W	TEMPERATURE COEFFICIENT ppm/ $^{\circ}\text{C}$	TOLERANCE %	RESISTANCE RANGE Ω	E-SERIES
LCA0207SI	0.25	+ 300 / - 2 00	5	R22 - 1K0	24
LCA0309SI	0.3	+ 300 / - 200	5	R22 - 1K0	24
LCA0411SI	0.35	+ 300 / - 200	5	R22 - 1K0	24
LCA0617SI	0.5	+ 300 / - 200	5	1R0 - 1K0	24

- Coating: beige
- Marking: additional 5th band yellow, see appropriate catalog or web page

- $R_i \geq 6\Omega$ for $R_N < 10R$
 $R_i \geq 1\Omega$ for $R_N \geq 10R$

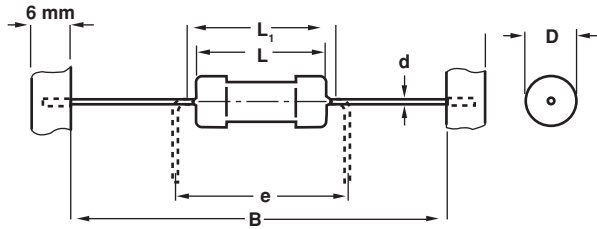
TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	LCA0207SI	LCA0309SI	LCA0411SI	LCA0617SI	
Power Rating at 70°C	W	0.25	0.30	0.35	0.5	
Overload to fuse	W	4 ¹⁾	5.5	7.0	14	
Time to fuse (maximum)	s	15	20	25	35	
Thermal Resistance	K/W	≤ 220	≤ 190	≤ 150	≤ 110	
Terminal Strength, axial	N	≥ 50	≥ 60	≥ 60	≥ 80	
Failure Rate	$10^{-9}/\text{h}$	< 30	< 30	< 30	< 30	
Category Temperature Range	$^{\circ}\text{C}$	- 55 / + 125	- 55 / + 125	- 55 / + 125	- 55 / + 125	
Weight	g	0.21	0.3	0.5	1.1	
Maximum Applicable Voltage after Fusing						
	$< 1\Omega$	V	20	25	30	50
	$> 1\Omega..10\Omega$	V	65	75	85	150
	$> 10\Omega..100\Omega$	V	110	125	140	250
	$> 100\Omega..1K$	V	150	175	200	350

ORDERING INFORMATION

LCA0411SI MODEL	36R RESISTANCE	5% TOLERANCE VALUE Ω	A1 PACKAGING $\pm 5\%$	A1 = Ammopack 1000 pieces
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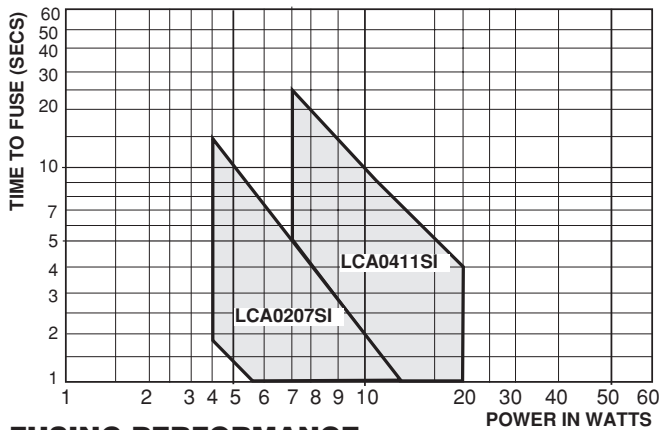
DIMENSIONS



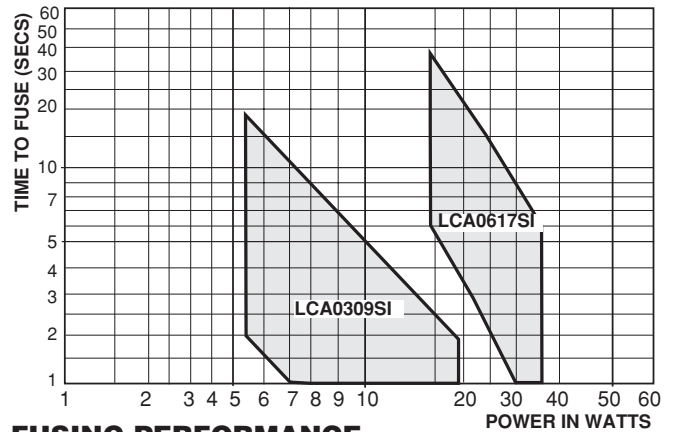
- Taping corresponds to IEC60286-1
- D and L measured in accordance with IEC60294
- d according to IEC60301

MODEL	DIMENSIONS [in millimeters]					
	D	L	L1max	B	d	e
LCA0207SI	2.3 -0.3	6.1 -0.5	8.1	53 ±1 ¹⁾	0.6	7.5
LCA0309SI	2.9 -0.3	8.1 -0.6	10.1	53 ±1	0.7	10.0
LCA0411SI	3.5 -0.3	10.5 -0.6	12.5	53 ±1 ²⁾	0.7	12.5
LCA0617SI	4.8 -0.4	15.3 -0.8	18.3	83 ±1	0.8	17.5

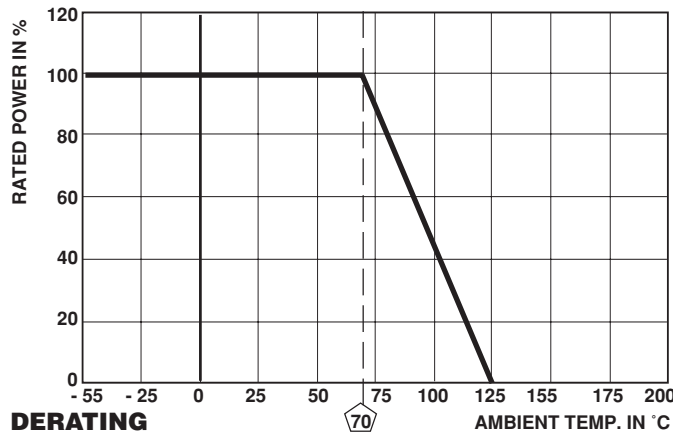
- 1) also available in 26 mm tape spacing
- 2) also available in 73 mm tape spacing



FUSING PERFORMANCE



FUSING PERFORMANCE



DERATING

PACKAGING				
MODEL	PIECES/ REEL	MIN. QUANTITY PER ORDER	PIECES/ BOX	MIN. QUANTITY PER ORDER
LCA0207SI	5000	1	5000/2000	1/2
LCA0309SI	5000	1	5000/2000	2/5
LCA0411SI	2500	1	1000	2
LCA0617SI	1000	2	1000	2

· For further information about packaging see appropriate catalog or web page