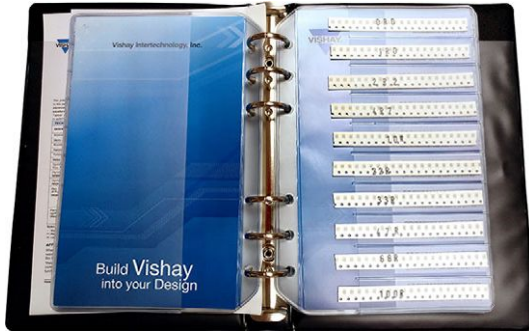


## Sample Kit

### Anti-Surge, High Power Thick Film Chip Resistors

### RCS 100 1 % e3


**FEATURES**

- Excellent surge pulse capability
- High power rating
- AEC-Q200 qualified
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)



**RoHS**  
COMPLIANT  
HALOGEN  
**FREE**

Transparent dividers / pages contain cardboard tapes holding 40 resistors. The kit contains every fourth value of the E96-series. The marked tapes contain parts which are sorted in ascending order of the resistance value.

SPECIFICATIONS		
Laboratory kit	LAE1ARCS	LAE1BRCS
Resistor type	RCS0402 -100 1 %	RCS0603 -100 1 %
Temperature coefficient	±100 ppm/K	
Tolerance	± 1 %	
Resistance range / E-series	1 Ω to 1 MΩ / every 4 <sup>th</sup> value of E 96 <sup>(1)</sup> ; <b>jumper (0 Ω)</b>	
Number of resistance values	146	
Resistors per value / total	40 / 5840	40 / 5840
Number of dividers / pages	15	

**Notes**

- The products are specified by the underlying standard product's data sheet "Anti-Surge, High Power Thick Film Chip Resistors" in its most current edition at [www.vishay.com/doc?20065](http://www.vishay.com/doc?20065)
- (1) Supplemented by 1 MΩ

PART NUMBER AND PRODUCT DESCRIPTION				
<b>PART NUMBER: LAE1ARCS0402KFE96</b>				
L	A	E	1	A
R	C	S	0	4
0	2	K	F	E
9	6			
MODEL	TYPE / SIZE	TCR	TOLERANCE	FRACTION OF E-SERIES
LAE 1A LAE 1B	RCS 0402 RCS 0603	K = ± 100 ppm/K	F = ± 1 %	1/4 E96
<b>PRODUCT DESCRIPTION: LAE RCS0402 100 1 % 1/4 E96</b>				
LAE	RCS0402	100	1 %	1/4 E96
MODEL	TYPE / SIZE	TCR	TOLERANCE	FRACTION OF E-SERIES
LAE 1A LAE 1B	RCS0402 RCS0603	± 100 ppm/K	± 1 %	Every fourth value from E96 series



RESISTANCE TABLE ( $\Omega$ )							
0	1	10	100	1K	10K	100K	1M
	1.1	11	110	1.1K	11K	110K	
	1.21	12.1	121	1.21K	12.1K	121K	
	1.33	13.3	133	1.33K	13.3K	133K	
	1.47	14.7	147	1.47K	14.7K	147K	
	1.62	16.2	162	1.62K	16.2K	162K	
	1.78	17.8	178	1.78K	17.8K	178K	
	1.96	19.6	196	1.96K	19.6K	196K	
	2.15	21.5	215	2.15K	21.5K	215K	
	2.37	23.7	237	2.37K	23.7K	237K	
	2.61	26.1	261	2.61K	26.1K	261K	
	2.87	28.7	287	2.87K	28.7K	287K	
	3.16	31.6	316	3.16K	31.6K	316K	
	3.48	34.8	348	3.48K	34.8K	348K	
	3.83	38.3	383	3.83K	38.3K	383K	
	4.22	42.2	422	4.22K	42.2K	422K	
	4.64	46.4	464	4.64K	46.4K	464K	
	5.11	51.1	511	5.11K	51.1K	511K	
	5.62	56.2	562	5.62K	56.2K	562K	
	6.19	61.9	619	6.19K	61.9K	619K	
	6.81	68.1	681	6.81K	68.1K	681K	
	7.5	75	750	7.5K	75K	750K	
	8.25	82.5	825	8.25K	82.5K	825K	
	9.09	90.9	909	9.09K	90.9K	909K	

**Note**

- The series of resistances included in the kits are derived from the E96-series according to IEC 60063 by selecting only the first of each four successive values in the given range from 1.00  $\Omega$  through 1.00 M $\Omega$