

Sample Kit

Standard Thick Film Chip Resistors

D/CRCW 100 1 % e3



The commercial-off-the-shelf thick film chip resistors are now conveniently taped in strips, individually labeled and packaged in new engineering design kits.

FEATURES

- The kits contain 1/4 E96 series
- The values specified $\pm 1\%$ tolerance and ± 100 ppm/K
- AEC-Q200 qualified
- For further information refer to datasheet D/CRCW e3: www.vishay.com/doc?20035
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912



RoHS
COMPLIANT
HALOGEN
FREE

Please note LAE1xCHIPxxxxKFE96 are replaced by new sample kits:

LAE2ACHIP0402KFE96 (www.vishay.com/doc?20077)

LAE2BCHIP0603KFE96 (www.vishay.com/doc?20078)

LAE2CCHIP0805KFE96 (www.vishay.com/doc?20080)

LAE2DCHIP1206KFE96 (www.vishay.com/doc?20081)

MINILABS, STANDARD ELECTRICAL SPECIFICATIONS

PART NUMBER	PRODUCT	RATED DISSIPATION P_{70} W	LIMITING ELEMENT VOLTAGE U_{max} AC/DC	TEMPERATURE COEFFICIENT ppm/K	TOL. %	RESISTANCE RANGE Ω	SERIES	QUANTITY PIECES
LAE1ACHIP0402KFE96	D10/CRCW0402 e3	0.063	50	± 100	± 1	10R to 1M + Jumper	1/4 E96	122 x 100
LAE1BCHIP0603KFE96	D11/CRCW0603 e3	0.10	75	± 100	± 1	10R to 1M + Jumper	1/4 E96	122 x 50
LAE1CCHIP0805KFE96	D12/CRCW0805 e3	0.125	150	± 100	± 1	10R to 1M + Jumper	1/4 E96	122 x 50
LAE1DCHIP1206KFE96	D25/CRCW1206 e3	0.25	200	± 100	± 1	10R to 1M + Jumper	1/4 E96	122 x 50

PART NUMBER AND PRODUCT DESCRIPTION
PART NUMBER: LAE1ACHIP0402KFE96

L	A	E	1	A	C	H	I	P	0	4	0	2	K	F	E	9	6
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MODEL LAE 1A LAE 1B LAE 1C LAE 1D	PRODUCT CHIP RESISTOR 0402 CHIP RESISTOR 0603 CHIP RESISTOR 0805 CHIP RESISTOR 1206	TCR K = ± 100 ppm/K	TOLERANCE F = $\pm 1\%$	E-SERIES 1/4 E96
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PRODUCT DESCRIPTION: LAB D10/CRCW0402 100 1/4 E96 1 % 122x100 e3

LAB	D10/CRCW0402	100	1/4 E96	1 %	122x100	e3
MODEL Minilab, thick film chip	PRODUCT D10/CRCW0402 D11/CRCW0603 D12/CRCW0805 D25/CRCW1206	TCR ± 100 ppm/K	VALUE/SERIES Every fourth value from E96 series	TOLERANCE $\pm 1\%$	QUANTITY 122 x 100 122 x 50	LEAD (Pb)-FREE e3 = pure tin component termination finish



RESISTANCE TABLE (Ω)						
0	10	100	1K	10K	100K	1M
	11	110	1.1K	11K	110K	
	12.1	121	1.21K	12.1K	121K	
	13.3	133	1.33K	13.3K	133K	
	14.7	147	1.47K	14.7K	147K	
	16.2	162	1.62K	16.2K	162K	
	17.8	178	1.78K	17.8K	178K	
	19.6	196	1.96K	19.6K	196K	
	21.5	215	2.15K	21.5K	215K	
	23.7	237	2.37K	23.7K	237K	
	26.1	261	2.61K	26.1K	261K	
	28.7	287	2.87K	28.7K	287K	
	31.6	316	3.16K	31.6K	316K	
	34.8	348	3.48K	34.8K	348K	
	38.3	383	3.83K	38.3K	383K	
	42.2	422	4.22K	42.2K	422K	
	46.4	464	4.64K	46.4K	464K	
	51.1	511	5.11K	51.1K	511K	
	56.2	562	5.62K	56.2K	562K	
	61.9	619	6.19K	61.9K	619K	
	68.1	681	6.81K	68.1K	681K	
	75	750	7.5K	75K	750K	
	82.5	825	8.25K	82.5K	825K	
	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 10.0 Ω through 1.00 M Ω