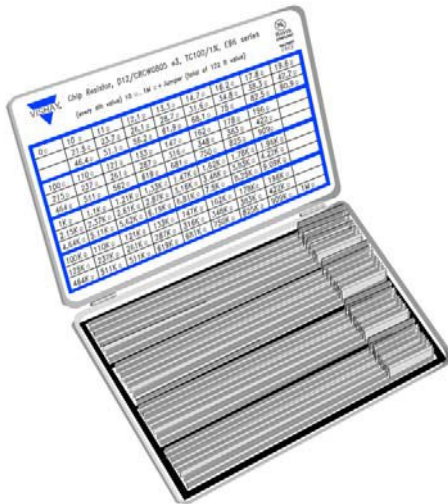


Thick Film Chip Resistors Engineering Design Kit, Surface Mount



FEATURES

- The commercial-off-the-shelf Thick Film Chip Resistors are now conveniently taped in strips, individually labeled and packaged in new engineering design kits
- The kits contain 1/4 E96 series
- The values specified $\pm 1\%$ tolerance and ± 100 ppm/K
- Compliant to RoHS Directive 2002/95/EC
- Halogen-free according to IEC 61249-2-21 definition
- AEC-Q200 qualified
- For further information refer to datasheet D/CRCW e3: www.vishay.com/doc?20035



RoHS
COMPLIANT
HALOGEN
FREE

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

MODEL	PRODUCT	TCR	TOLERANCE	SERIES
LAE 1A LAE 1B LAE 1C LAE 1D	CHIP RESISTOR 0402 CHIP RESISTOR 0603 CHIP RESISTOR 0805 CHIP RESISTOR 1206	K = ± 100 ppm/K	F = $\pm 1\%$	1/4 E96

PRODUCT DESCRIPTION: LAB D10/CRCW0402 100 1/4 E96 1% 122x100 e3

LAB	D10/CRCW0402	100	1/4 E96	1%	122x100	e3
MODEL	PRODUCT	TCR	VALUE/SERIES	TOLERANCE	QUANTITY	LEAD (Pb)-FREE
Minilab, Thick Film Chip	D10/CRCW0402 D11/CRCW0603 D12/CRCW0805 D25/CRCW1206	± 100 ppm/K	Every fourth value from E96 series	$\pm 1\%$	122 x 100 122 x 50	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 is derived from the E96 series according to IEC 60063 by adopting only the first of each four successive values in the given range from 10.0 Ω through 1.00 M Ω