



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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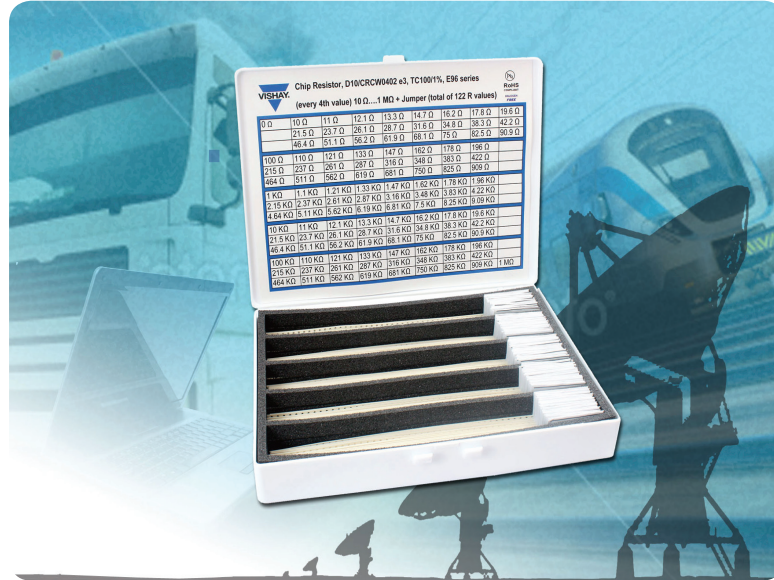




THICK FILM RESISTORS

Pick of the Chips D/CRCW e3

Surface-Mount Thick Film Chip Resistors Engineering Design Kit



Resistors – New Engineering Design Kits

KEY BENEFITS

- Convenient to use by engineers
- Aids in the design work process
- AEC-Q200 qualified
- 0402, 0603, 0805, and 1206 case sizes
- Feature E96 series resistance values from 10 Ω to 1 MΩ (every fourth value) in addition to a 0 Ω jumper

APPLICATIONS

- Automotive
- Industrial equipment
- Telecom infrastructure
- Consumer
- Computer

RESOURCES

- Datasheet: Pick of the Chips D/CRCW e3 - <http://www.vishay.com/doc?31092>
- For technical questions contact thickfilmchip@vishay.com



RoHS COMPLIANT HALOGEN FREE

One of the World's Largest Manufacturers of Discrete Semiconductors and Passive Components



THICK FILM RESISTORS

Pick of the Chips D/CRCW e3

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

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	$K = \pm 100$ 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

Revision 07-Sep-11

Resistors – New Engineering Design Kits