

THICK FILM RESISTORS

Pick of the Chips D/CRCW e3

Surface-Mount Thick Film Chip Resistors Engineering Design Kit



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 M Ω (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

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