

Surface Mount Engineering Kits

Chip Resistors

Series	Size	Power Rating	Tolerance	Resistance Range	Values/Kit
CR0201-20W	0201	0.050W	1%	10 ohm - 1M ohm	Consult Salesperson
CR0201-20W	0201	0.050W	5%	10 ohm - 1M ohm	Consult Salesperson
CR0402-16W	0402	0.063W	1%	10 ohm - 1M ohm	340
CR0402-16W	0402	0.063W	5%	0 ohm - 1.5M ohm	142
CR0603-16W	0603	0.063W	1%	10 ohm - 1M ohm	480
CR0603-16W	0603	0.063W	5%	0 ohm - 3.3M ohm	150
CR0805-10W	0805	0.100W	1%	10 ohm - 1M ohm	480
CR0805-10W	0805	0.100W	5%	0 ohm - 10M ohm	170
CR1206-8W	1206	0.125W	1%	10 ohm - 1M ohm	480
CR1206-8W	1206	0.125W	5%	0 ohm - 10M ohm	170
CR1210-4W	1210	0.250W	5%	0 ohm - 3.3M ohm	50

How To Order

CR0805-10W

KIT

J

25

Standard termination finish for this SERIES product is 100% matte Tin (Sn)

TOLERANCE (F= ±1% or J= ±5%) QTY/VALUE (25, 50 or 100 pcs)

THIN FILM CHIP RESISTOR KITS:

TFCR 0402-16W: 10Ω to 100KΩ — 140 VALUES

TFCR 0603-10W: 10Ω to 332KΩ — 250 VALUES

TFCR 0805-8W: 10Ω to 1MegΩ — 230 VALUES

TFCR 1206-4W: 10Ω to 1MegΩ — 230 VALUES

How To Order

TFCR 0805

KIT

EB

25

Standard termination finish for this product is 100% matte Tin (Sn)

SERIES

TCR: 25ppm; Tol. 0.1% QTY/VALUE (25 pcs)

Thin Film Kits are only available with a Tolerance of 0.1% and a TCR of 25ppm.

Chip Inductors

MULTILAYER CHIP INDUCTOR KITS:

MLF1608: 68nH to 10μH — 16 VALUES

MLF2012: 68nH to 18μH — 16 VALUES

How To Order

MLF2012

KIT

10

Standard termination finish for this product is 100% matte Tin (Sn)

SERIES

QTY/VALUE (10, 25, 50 or 100 pcs)

LMCI 0201: 1.0nH to 33nH — 12 VALUES

LMCI 1005: 1.0nH to 100nH — 18 VALUES

LMCI 1608: 1.5nH to 100nH — 18 VALUES

LMCI 2012: 1.8nH to 390nH — 22 VALUES

How To Order

LMCI 2012

KIT

10

Standard termination finish for this product is 100% matte Tin (Sn)

SERIES

QTY/VALUE (10, 25, 50 or 100 pcs)

RF INDUCTOR KITS:

MRFI 0402: 1.0nH to 47 nH — 16 VALUES

MRFI 1008: 6.8nH to 6800nH — 22 VALUES

MRFI 0603: 2.0nH to 180nH — 18 VALUES

MRFI 1210: 5.6nH to 8200nH — 22 VALUES

MRFI 0805: 3.9nH to 1000nH — 20 VALUES

How To Order

MRFI 0805

KIT

10

Standard termination finish for this product is Gold Flash over Nickel

SERIES

QTY/VALUE (10, 25, 50 or 100 pcs)

Please Note: Values in all these Engineering Kits are based on available local stock and customer needs. If a specific value is needed, please consult your sales representative for availability and more information.

All components in this section are RoHS compliant per the EU directives and definitions.

5900 Shepherd Mountain Cove • Austin, TX 78730
 Phone: 512 / 794-0081 • Fax: 512 / 794-0087 • Toll Free: 800 / 950-8365
 e-mail: sales@venkel.com • www.venkel.com



VENKEL LTD.

Ceramic Chip Capacitors

Size	TC	Tolerance	Range	Values/Kit
0201	C0G	$\pm 0.25\text{pF}$, 5%	0.5 pF – 100 pF	40
	X7R	10%	100 pF – 0.01 μF	
	Y5V	+80/-20%	2200pF – 0.01 μF	
0402	HQN	$\pm 0.05\text{pF}$, $\pm 0.1\text{pF}$, $\pm 0.25\text{pF}$, $\pm 5\%$	0.1pF – 10pF	27
	C0G	$\pm 0.25\text{pF}$, 5%	1 pF – 220 pF	54
	X7R	10%	220 pF – 0.1 μF	
	Y5V	+80/-20%	0.015 μF – 0.1 μF	
0603	HQN	$\pm 0.05\text{pF}$, $\pm 0.1\text{pF}$, $\pm 0.25\text{pF}$, $\pm 5\%$	0.2pF – 22pF	24
	C0G	$\pm 0.25\text{pF}$, 5%	0.5 pF – 680 pF	62
	X7R	10%	390 pF – 0.33 μF	
	Y5V	+80/-20%	0.047 μF – 1.0 μF	
0805	C0G	$\pm 0.25\text{pF}$, 5%	0.5 pF – 1500 pF	62
	X7R	10%	820 pF – 2.2 μF	
	Y5V	+80/-20%	0.1 μF – 4.7 μF	
1206	C0G	$\pm 0.25\text{pF}$, 5%	1.0 pF – 3300 pF	62
	X7R	10%	1000 pF – 10.0 μF	
	Y5V	+80/-20%	0.1 μF – 10.0 μF	

How To Order

Standard termination finish for this product is 100% matte Tin (Sn)

C0805	—	CAP KIT	—	25
SERIES				QTY/VALUE (25, 50 or 100 pcs)
C0402/C0603	—	HQN KIT	—	10
SERIES				QTY/VALUE (10 or 25 pcs)

Ferrite Beads

FERRITE BEAD KITS:

How To Order

Standard termination finish for this product is 100% matte Tin (Sn)

FBM & FBC-L	—	KIT	—	10
SERIES				QTY/VALUE (10, 25, 50 or 100 pcs)

Hi-Cap Kit (Tantalum Replacement MLCC Kit)

High Value Ceramic Chip Capacitor Kit

Part Number	Size	Rated Voltage (VDCW)	Cap. Value (µF)	Tolerance (%)
C0402X5R6R3-105KNE	0402	6.3	1	±10
C0402X5R6R3-475MNE	0402	6.3	4.7	±20
C0402X5R4R0-106MNP	0402	4	10	±20
C0603X5R250-105KNE	0603	25	1	±10
C0603X7R160-105KNE	0603	16	1	±10
C0603X5R160-225KNE	0603	16	2.2	±10
C0603X7R100-225KNP	0603	10	2.2	±10
C0603X5R100-475KNE	0603	10	4.7	±10
C0603X5R6R3-106MNE	0603	6.3	10	±20
C0603X5R6R3-226MNE	0603	6.3	22	±20
C0805X7R250-105KNE	0805	25	1	±10
C0805X7R100-225KNE	0805	10	2.2	±10
C0805X7R160-225KNE	0805	16	2.2	±10
C0805X5R100-475KNE	0805	10	4.7	±10
C0805X5R100-106KNE	0805	10	10	±10
C0805X7R100-106KNE	0805	10	10	±10
C0805X5R6R3-226MNE	0805	6.3	22	±20
C0805X5R6R3-476MNE	0805	6.3	47	±20
C1206X7R250-105KNE	1206	25	1	±10
C1206X7R500-105KNE	1206	50	1	±10
C1206X5R100-475KNE	1206	10	4.7	±10
C1206X7R100-106KNE	1206	10	10	±10
C1206X5R6R3-226KNE	1206	6.3	22	±10
C1206X5R100-226MNE	1206	10	47	±20
C1206X5R6R3-476MNE	1206	6.3	47	±20
C1206X5R6R3-107MNE	1206	6.3	100	±20
C1210X7R160-106KNE	1210	16	10	±10
C1210X5R160-106KNE	1210	16	10	±10
C1210X5R160-226KNE	1210	16	22	±10
C1210X5R250-226KNE	1210	25	22	±10
C1210X5R6R3-476MNE	1210	6.3	47	±20
C1210X5R6R3-107MNE	1210	6.3	100	±20
C1812X5R160-226KNE	1812	16	22	±10

How To Order

HI — CAP KIT — 25

Standard termination finish for this product is
100% matte Tin (Sn)

QTY/VALUE
(25, 50 or 100 pcs)

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VENKEL LTD.

Hi-Cap C0G Kit (Film Cap Replacement MLCC Kit)

High Value C0G Ceramic Chip Capacitor Kit

Part Number	Size	Rated Voltage (VDCW)	Cap. Value	Tolerance (%)
C0402C0G500-331JNE	0402	50	330 pF	±5
C0402C0G500-471JNE	0402	50	470 pF	±5
C0402C0G500-561JNE	0402	50	560 pF	±5
C0402C0G500-681JNE	0402	50	680 pF	±5
C0402C0G500-821JNE	0402	50	820 pF	±5
C0402C0G500-102JNE	0402	50	1000 pF	±5
C0603C0G500-152JNE	0603	50	1500 pF	±5
C0603C0G500-182JNE	0603	50	1800 pF	±5
C0603C0G500-222JNE	0603	50	2200 pF	±5
C0603C0G500-272JNE	0603	50	2700 pF	±5
C0805C0G500-392JNE	0805	50	3900 pF	±5
C0805C0G500-472JNE	0805	50	4700 pF	±5
C0805C0G500-562JNE	0805	50	5600 pF	±5
C0805C0G500-822JNE	0805	50	8200 pF	±5
C0805C0G500-103JNE	0805	50	.01 µF	±5
C0805C0G500-223JNE	0805	50	.022 µF	±5
C1206C0G500-183JNE	1206	50	.018 µF	±5
C1206C0G500-223JNE	1206	50	.022 µF	±5
C1206C0G500-273JNE	1206	50	.027 µF	±5
C1206C0G500-333JNE	1206	50	.033 µF	±5
C1206C0G500-473JNE	1206	50	.047 µF	±5
C1206C0G500-563JNE	1206	50	.056 µF	±5
C1206C0G500-683JNE	1206	50	.068 µF	±5
C1206C0G500-823JNE	1206	50	.082 µF	±5
C1206C0G250-104JNE	1206	25	.100 µF	±5

How To Order

HI — CAPC0G KIT — 25

Standard termination finish for this product is
100% matte Tin (Sn)

QTY/VALUE
(25, 50 or 100 pcs)