



勝特力材料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Applications

JCI series can supply several kinds of size and has a high Q, self resonant frequencies, and characteristic.

- Wireless communications equipment
- Networking system, Modem
- Cordless telephones.

Features

- Monolithic structure for highly reliable surface mount applications.
- Dimensions are suitable for automatic mounting.
- Operating Temperature: -25°C to +85°C

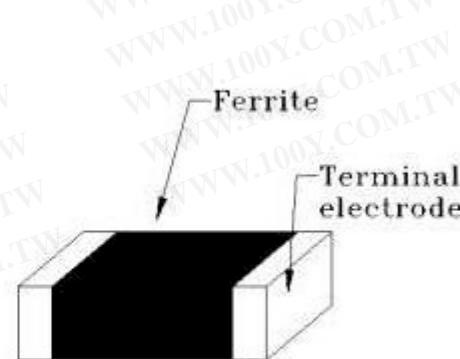
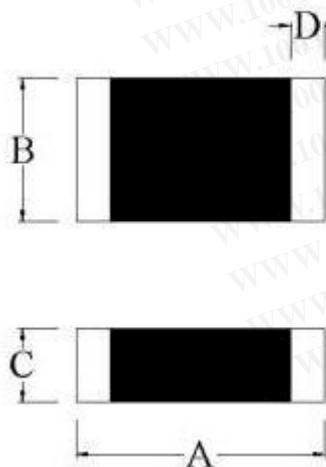
Product identification

Product Identification

JCI 2012 - 4R7 K

Type Size Tolerance Inductance

Shape



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Dimension

TYPE	A	B	C	D
JCI 3216 (1206)	3.2±0.20	1.6±0.20	1.1±0.20	0.5±0.3
JCI 2012 (0805)	2.0±0.20	1.2±0.20	1.2±0.20	0.5±0.3
JCI 1608 (0603)	1.6±0.20	0.8±0.20	0.5±0.20	0.3±0.2

Package

SIZE	JCI 3216	JCI 2012	JCI 1608	
QTY/REEL	3,000	2,000	4,000	4,000

Series

PART NO	THICKNESS (mm)	INDUCTANCE		Q	FREQENCY (MHz)	SRF (min)	RDC(Ω)	IDC(mA)
		(μH)	Min					
JCI 3216-47N□	1.1±0.3	0.047±20%	OR ±10%	20	50	320	0.15	300
JCI 3216-68N□	1.1±0.3	0.068±20%	OR ±10%	20	50	280	0.25	300
JCI 3216-R10□	1.1±0.3	0.1±20%	OR ±10%	20	25	235	0.25	250
JCI 3216-R12□	1.1±0.3	0.12±20%	OR ±10%	20	25	220	0.3	250
JCI 3216-R15□	1.1±0.3	0.15±20%	OR ±10%	20	25	200	0.3	250
JCI 3216-R18□	1.1±0.3	0.18±20%	OR ±10%	20	25	185	0.4	250
JCI 3216-R22□	1.1±0.3	0.22±20%	OR ±10%	20	25	170	0.4	250
JCI 3216-R27□	1.1±0.3	0.27±20%	OR ±10%	20	25	150	0.5	250
JCI 3216-R33□	1.1±0.3	0.33±20%	OR ±10%	20	25	145	0.6	250
JCI 3216-R39□	1.1±0.3	0.39±20%	OR ±10%	25	25	135	0.5	200
JCI 3216-R47□	1.1±0.3	0.47±20%	OR ±10%	25	25	125	0.6	200
JCI 3216-R56□	1.1±0.3	0.56±20%	OR ±10%	25	25	115	0.7	150
JCI 3216-R68□	1.1±0.3	0.68±20%	OR ±10%	25	25	105	0.8	150

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JCI 3216-R82□	1.1±0.3	0.82±20% OR ±10%	25	25	100	0.9	150
JCI 3216-1R0□	1.1±0.3	1.00±20% OR ±10%	35	10	75	0.4	100
JCI 3216-1R2□	1.1±0.3	1.20±20% OR ±10%	35	10	65	0.5	100
JCI 3216-1R5□	1.1±0.3	1.50±20% OR ±10%	35	10	60	0.5	50
JCI 3216-1R8□	1.1±0.3	1.80±20% OR ±10%	35	10	55	0.5	50
JCI 3216-2R2□	1.1±0.3	2.20±20% OR ±10%	35	10	50	0.6	50
JCI 2012-R47□	1.25±0.2	0.47±20% OR ±10%	25	25	125	0.65	200
JCI 2012-R56□	1.25±0.2	0.56±20% OR ±10%	25	25	115	0.75	150
JCI 2012-R68□	1.25±0.2	0.68±20% OR ±10%	25	25	105	0.8	150
JCI 2012-R82□	1.25±0.2	0.82±20% OR ±10%	25	25	100	1	150
JCI 2012-1R0□	0.85±0.2	1.00±20% OR ±10%	35	10	75	0.4	50
JCI 2012-1R2□	0.85±0.2	1.20±20% OR ±10%	35	10	65	0.5	50
JCI 2012-1R5□	0.85±0.2	1.50±20% OR ±10%	35	10	60	0.5	50
JCI 2012-1R8□	0.85±0.2	1.80±20% OR ±10%	35	10	55	0.6	50
JCI 2012-2R2□	0.85±0.2	2.20±20% OR ±10%	35	10	50	0.65	30
JCI 2012-2R7□	1.25±0.2	2.70±20% OR ±10%	35	10	45	0.75	30
JCI 2012-3R3□	1.25±0.2	3.30±20% OR ±10%	35	10	41	0.8	30
JCI 2012-3R9□	1.25±0.2	3.90±20% OR ±10%	35	10	38	0.9	30
JCI 2012-4R7□	1.25±0.2	4.70±20% OR ±10%	35	10	35	1	30
JCI 2012-5R6□	1.25±0.2	5.60±20% OR ±10%	40	4	32	0.9	15
JCI 2012-6R8□	1.25±0.2	6.80±20% OR ±10%	40	4	29	1	15
JCI 2012-8R2□	1.25±0.2	8.20±20% OR ±10%	40	4	26	1.1	15
JCI 2012-100□	1.25±0.2	10.00±20% OR ±10%	30	2	24	1.15	15
JCI 2012-120□	1.25±0.2	12.00±20% OR ±10%	30	2	22	1.25	15
JCI 1608-47N□	0.8±0.15	0.047±20% OR ±10%	10	50	260	0.3	50
JCI 1608-68N□	0.8±0.15	0.068±20% OR ±10%	10	50	250	0.3	50
JCI 1608-82N□	0.8±0.15	0.082±20% OR ±10%	10	50	245	0.3	50
JCI 1608-R10□	0.8±0.15	0.10±20% OR ±10%	15	25	240	0.5	50
JCI 1608-R12□	0.8±0.15	0.12±20% OR ±10%	15	25	205	0.5	50
JCI 1608-R15□	0.8±0.15	0.15±20% OR ±10%	15	25	180	0.6	50
JCI 1608-R18□	0.8±0.15	0.18±20% OR ±10%	15	25	165	0.6	50
JCI 1608-R22□	0.8±0.15	0.22±20% OR ±10%	15	25	150	0.8	50
JCI 1608-R27□	0.8±0.15	0.27±20% OR ±10%	15	25	136	0.8	50
JCI 1608-R33□	0.8±0.15	0.33±20% OR ±10%	15	25	125	0.85	35
JCI 1608-R39□	0.8±0.15	0.39±20% OR ±10%	15	25	110	1	35
JCI 1608-R47□	0.8±0.15	0.47±20% OR ±10%	15	25	105	1.35	35
JCI 3216-2R7□	1.1±0.3	2.70±20% OR ±10%	35	10	45	0.6	50
JCI 3216-3R3□	1.1±0.3	3.30±20% OR ±10%	35	10	41	0.7	50
JCI 3216-3R9□	1.1±0.3	3.90±20% OR ±10%	35	10	38	0.8	50
JCI 3216-4R7□	1.1±0.3	4.70±20% OR ±10%	35	10	35	0.9	50

JCI 3216-5R6□	1.1 ± 0.3	$5.60 \pm 20\% \text{ OR } \pm 10\%$	40	4	32	0.7	25
JCI 3216-6R8□	1.1 ± 0.3	$6.80 \pm 20\% \text{ OR } \pm 10\%$	40	4	29	0.8	25
JCI 3216-8R2□	1.1 ± 0.3	$8.20 \pm 20\% \text{ OR } \pm 10\%$	40	4	26	0.9	25
JCI 3216-100□	1.1 ± 0.3	$10.00 \pm 20\% \text{ OR } \pm 10\%$	30	2	24	1	25
JCI 3216-120□	1.1 ± 0.3	$12.00 \pm 20\% \text{ OR } \pm 10\%$	30	2	22	1.05	15
JCI 2012-47N□	0.85 ± 0.2	$0.047 \pm 20\% \text{ OR } \pm 10\%$	15	50	320	0.2	300
JCI 2012-68N□	0.85 ± 0.2	$0.068 \pm 20\% \text{ OR } \pm 10\%$	15	50	280	0.2	300
JCI 2012-82N□	0.85 ± 0.2	$0.082 \pm 20\% \text{ OR } \pm 10\%$	15	50	255	0.2	300
JCI 2012-R10□	0.85 ± 0.2	$0.10 \pm 20\% \text{ OR } \pm 10\%$	20	25	235	0.3	250
JCI 2012-R12□	0.85 ± 0.2	$0.12 \pm 20\% \text{ OR } \pm 10\%$	20	25	220	0.3	250
JCI 2012-R15□	0.85 ± 0.2	$0.15 \pm 20\% \text{ OR } \pm 10\%$	20	25	200	0.4	250
JCI 2012-R18□	0.85 ± 0.2	$0.18 \pm 20\% \text{ OR } \pm 10\%$	20	25	185	0.4	250
JCI 2012-R22□	0.85 ± 0.2	$0.22 \pm 20\% \text{ OR } \pm 10\%$	20	25	170	0.5	250
JCI 2012-R27□	0.85 ± 0.2	$0.27 \pm 20\% \text{ OR } \pm 10\%$	20	25	150	0.5	250
JCI 2012-R33□	0.85 ± 0.2	$0.33 \pm 20\% \text{ OR } \pm 10\%$	20	25	145	0.55	250
JCI 2012-R39□	0.85 ± 0.2	$0.39 \pm 20\% \text{ OR } \pm 10\%$	25	25	135	0.65	200
JCI 1608-R56□	0.8 ± 0.15	$0.56 \pm 20\% \text{ OR } \pm 10\%$	15	25	95	1.55	35
JCI 1608-R68□	0.8 ± 0.15	$0.68 \pm 20\% \text{ OR } \pm 10\%$	15	25	80	1.7	35
JCI 1608-R82□	0.8 ± 0.15	$0.82 \pm 20\% \text{ OR } \pm 10\%$	15	25	75	2.1	35
JCI 1608-1R0□	0.8 ± 0.15	$1.00 \pm 20\% \text{ OR } \pm 10\%$	35	10	70	0.6	25
JCI 1608-1R2□	0.8 ± 0.15	$1.20 \pm 20\% \text{ OR } \pm 10\%$	35	10	60	0.8	25
JCI 1608-1R5□	0.8 ± 0.15	$1.50 \pm 20\% \text{ OR } \pm 10\%$	35	10	55	0.8	25
JCI 1608-1R8□	0.8 ± 0.15	$1.80 \pm 20\% \text{ OR } \pm 10\%$	35	10	50	0.95	25
JCI 1608-2R2□	0.8 ± 0.15	$2.20 \pm 20\% \text{ OR } \pm 10\%$	35	10	45	1.15	15
JCI 1608-2R7□	0.8 ± 0.15	$2.70 \pm 20\% \text{ OR } \pm 10\%$	35	10	40	1.35	15
JCI 1608-3R3□	0.8 ± 0.15	$3.30 \pm 20\% \text{ OR } \pm 10\%$	20	10	38	1.55	15
JCI 1608-3R9□	0.8 ± 0.15	$3.90 \pm 20\% \text{ OR } \pm 10\%$	20	10	36	1.7	15
JCI 1608-4R7□	0.8 ± 0.15	$4.70 \pm 20\% \text{ OR } \pm 10\%$	20	10	33	2.1	15
JCI 1608-5R6□	0.8 ± 0.15	$5.60 \pm 20\% \text{ OR } \pm 10\%$	25	4	22	1.55	5
JCI 1608-6R8□	0.8 ± 0.15	$6.80 \pm 20\% \text{ OR } \pm 10\%$	25	4	20	1.7	5
JCI 1608-8R2□	0.8 ± 0.15	$8.20 \pm 20\% \text{ OR } \pm 10\%$	25	4	18	2.1	5
JCI 1608-100□	0.8 ± 0.15	$10.00 \pm 20\% \text{ OR } \pm 10\%$	20	2	17	1.85	5
□: Tolerance:	K=±10%; M=±20%; K tolerance is standars.						