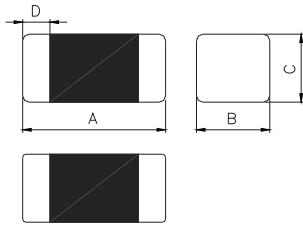


Multilayer Ferrite Chip Inductors

# FCI 3216 Series (1206 inch)



■ Dimensions



Chip Size	
<b>A</b>	3.20±0.20
<b>B</b>	1.60±0.20
<b>C</b>	1.10±0.30
<b>D</b>	0.50±0.30

Units: mm

■ Specifications

Part Number	Inductance(μH)		Q		Rated Current (mA) max.	DC Resistance (Ω) max.	SRF (MHz) min.
	Tolerance	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI3216F-47N□	0.047	60mV / 50M	20	50	300	0.15	320
FCI3216F-68N□	0.068	60mV / 50M	20	50	300	0.25	280
FCI3216F-R10□	0.10	60mV / 25M	20	25	250	0.25	235
FCI3216F-R12□	0.12	60mV / 25M	20	25	250	0.30	220
FCI3216F-R15□	0.15	60mV / 25M	20	25	250	0.30	200
FCI3216F-R18□	0.18	60mV / 25M	20	25	250	0.40	185
FCI3216F-R22□	0.22	60mV / 25M	20	25	250	0.40	170
FCI3216F-R27□	0.27	60mV / 25M	20	25	250	0.50	150
FCI3216F-R33□	0.33	60mV / 25M	20	25	250	0.50	145
FCI3216F-R39□	0.39	60mV / 25M	25	25	250	0.60	135
FCI3216F-R47□	0.47	60mV / 25M	25	25	200	0.60	125
FCI3216F-R56□	0.56	60mV / 25M	25	25	200	0.70	115
FCI3216F-R68□	0.68	60mV / 25M	25	25	150	0.80	105
FCI3216F-R82□	0.82	60mV / 25M	25	25	150	0.90	100
FCI3216F-1R0□	1.0	60mV / 10M	45	10	100	0.40	75
FCI3216F-1R2□	1.2	60mV / 10M	45	10	100	0.50	65
FCI3216F-1R5□	1.5	60mV / 10M	45	10	50	0.50	60
FCI3216F-2R2□	2.2	60mV / 10M	45	10	50	0.60	50
FCI3216F-3R3□	3.3	60mV / 10M	45	10	50	0.70	41
FCI3216F-4R7□	4.7	60mV / 10M	45	10	50	0.90	35
FCI3216F-100□	10.0	60mV / 2M	50	2	25	1.00	24

□: K=±10% , L=±15% , M=±20%

■ Q vs Frequency, DC Bias Characteristics (Typical)

