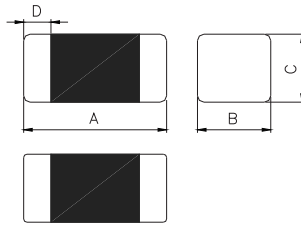


FCI 2012 Series (0805 inch)



■ Dimensions



Chip Size	
A	2.00±0.20
B	1.20±0.20
C	0.85±0.20 1.25±0.20
D	0.50±0.30

Units: mm

■ Specifications

Part Number	Thickness A Size(mm)	Inductance(μH)		Q		Rated Current (mA) max.	DC Resistance (Ω) max.	SRF (MHz) min.
		Tolerance	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI2012F-47N□	0.85±0.20	0.047	60mV / 50M	15	50	300	0.20	320
FCI2012F-68N□	0.85±0.20	0.068	60mV / 50M	15	50	300	0.20	280
FCI2012F-82N□	0.85±0.20	0.082	60mV / 50M	15	50	300	0.20	255
FCI2012F-R10□	0.85±0.20	0.10	60mV / 25M	20	25	250	0.30	235
FCI2012F-R12□	0.85±0.20	0.12	60mV / 25M	20	25	250	0.30	220
FCI2012F-R15□	0.85±0.20	0.15	60mV / 25M	20	25	250	0.40	200
FCI2012F-R18□	0.85±0.20	0.18	60mV / 25M	20	25	250	0.40	185
FCI2012F-R22□	0.85±0.20	0.22	60mV / 25M	20	25	250	0.50	170
FCI2012F-R27□	0.85±0.20	0.27	60mV / 25M	20	25	250	0.50	150
FCI2012F-R33□	0.85±0.20	0.33	60mV / 25M	20	25	250	0.55	145
FCI2012F-R39□	0.85±0.20	0.39	60mV / 25M	25	25	200	0.65	135
FCI2012F-R47□	1.25±0.20	0.47	60mV / 25M	25	25	200	0.65	125
FCI2012F-R56□	1.25±0.20	0.56	60mV / 25M	25	25	150	0.75	115
FCI2012F-R68□	1.25±0.20	0.68	60mV / 25M	25	25	150	0.80	105
FCI2012F-R10□	0.85±0.20	1.0	60mV / 10M	45	10	50	0.40	75
FCI2012F-R15□	0.85±0.20	1.5	60mV / 10M	45	10	50	0.50	60
FCI2012F-R18□	0.85±0.20	1.8	60mV / 10M	45	10	50	0.60	55
FCI2012F-2R2□	0.85±0.20	2.2	60mV / 10M	45	10	30	0.65	50
FCI2012F-2R7□	1.25±0.20	2.7	60mV / 10M	45	10	30	0.75	45
FCI2012F-3R3□	1.25±0.20	3.3	60mV / 10M	45	10	30	0.80	41
FCI2012F-4R7□	1.25±0.20	4.7	60mV / 10M	45	10	30	1.00	35
FCI2012F-100□	1.25±0.20	10.0	60mV / 2M	45	2	15	1.15	24

□: K=±10% , L=±15% , M=±20%

■ Q vs Frequency, DC Bias Characteristics (Typical)

