

TAI-TECH

Ferrite Chip Inductor(Lead Free)

FCI2012- Series

Specification

TAI-TECH Part Number	Thickness C size (mm)	Inductance (uH)	Q min.	Test Frequency (MHz)	Rated Current (mA) max.	DC Resistance (Ohm) max.	SRF (MHz) min.
FCI2012F-47N•	0.85±0.2	0.047	15	50	300	0.20	320
FCI2012F-68N•	0.85±0.2	0.068	15	50	300	0.20	280
FCI2012F-82N•	0.85±0.2	0.082	15	50	300	0.20	255
FCI2012F-R10•	0.85±0.2	0.10	20	25	250	0.30	235
FCI2012F-R12•	0.85±0.2	0.12	20	25	250	0.30	220
FCI2012F-R15•	0.85±0.2	0.15	20	25	250	0.40	200
FCI2012F-R18•	0.85±0.2	0.18	20	25	250	0.40	185
FCI2012F-R22•	0.85±0.2	0.22	20	25	250	0.50	170
FCI2012F-R27•	0.85±0.2	0.27	20	25	250	0.50	150
FCI2012F-R33•	0.85±0.2	0.33	20	25	250	0.55	145
FCI2012F-R39•	0.85±0.2	0.39	25	25	200	0.65	135
FCI2012F-R47•	1.25±0.2	0.47	25	25	200	0.65	125
FCI2012F-R56•	1.25±0.2	0.56	25	25	150	0.75	115
FCI2012F-R68•	1.25±0.2	0.68	25	25	150	0.80	105
FCI2012F-R82•	1.25±0.2	0.82	25	25	150	1.00	100
FCI2012F-1R0•	0.85±0.2	1.0	45	10	50	0.40	75
FCI2012F-1R2•	0.85±0.2	1.2	45	10	50	0.50	65
FCI2012F-1R5•	0.85±0.2	1.5	45	10	50	0.50	60
FCI2012F-1R8•	0.85±0.2	1.8	45	10	50	0.60	55
FCI2012F-2R2•	0.85±0.2	2.2	45	10	30	0.65	50
FCI2012F-2R7•	1.25±0.2	2.7	45	10	30	0.75	45
FCI2012F-3R3•	1.25±0.2	3.3	45	10	30	0.80	41
FCI2012F-3R9•	1.25±0.2	3.9	45	10	30	0.90	38
FCI2012F-4R7•	1.25±0.2	4.7	45	10	30	1.00	35
FCI2012F-5R6•	1.25±0.2	5.6	45	4	15	0.90	32
FCI2012F-6R8•	1.25±0.2	6.8	45	4	15	1.00	29
FCI2012F-8R2•	1.25±0.2	8.2	45	4	15	1.10	26
FCI2012F-100•	1.25±0.2	10.0	45	2	15	1.15	24

TOLERANCE K:±10% L:±15% M:±20%.

Typical Impedance v.s. Frequency Curve

■ Inductance-Current

■ Q-Frequency Characteristics

