



Wirewound Ferrite Chip Inductors

SWF 2012CF Series 0805 inch



Pb-free

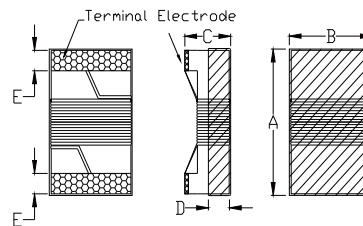


Halogen-free

Dimensions

Chip Size Units: mm

A	2.40 max.
B	1.60 max.
C	1.40 max.
D	0.51 ref.
E	0.44±0.10

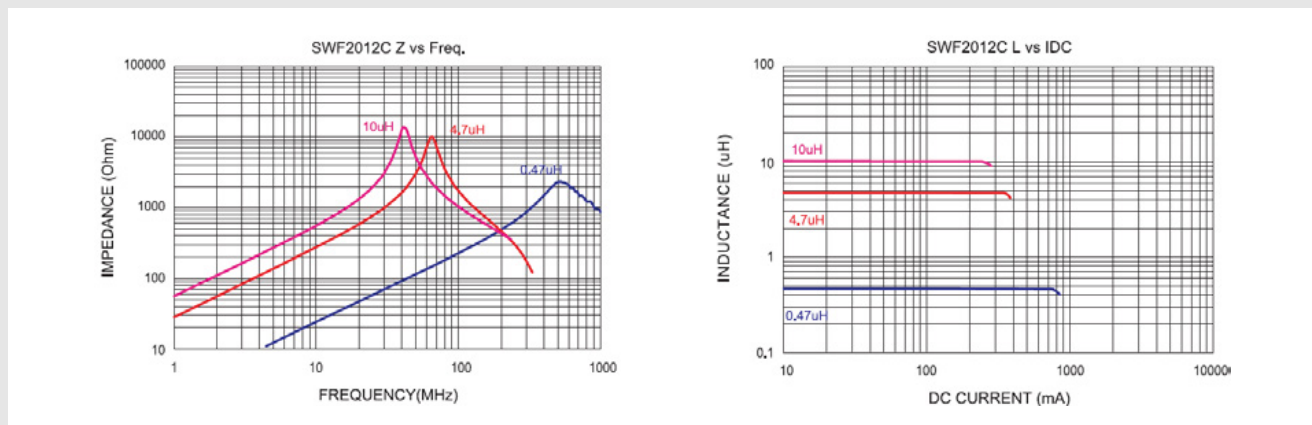


Specifications

Part Number	Inductance (uH)	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DC Resistance (Ω) max.	Rated Current (mA) max.
SWF2012CF-R47 □	0.47	0.5V/7.96M	10	7.96	720	0.20	750
SWF2012CF-R56 □	0.56	0.5V/7.96M	10	7.96	665	0.21	730
SWF2012CF-R68 □	0.68	0.5V/7.96M	10	7.96	565	0.28	670
SWF2012CF-1R0 □	1.00	0.5V/7.96M	10	7.96	525	0.34	615
SWF2012CF-1R2 □	1.20	0.5V/7.96M	10	7.96	473	0.39	550
SWF2012CF-1R5 □	1.50	0.5V/7.96M	10	7.96	300	0.45	520
SWF2012CF-2R2 □	2.20	0.5V/7.96M	10	7.96	215	0.67	420
SWF2012CF-3R3 □	3.30	0.5V/7.96M	10	7.96	95	0.81	385
SWF2012CF-3R9 □	3.90	0.5V/7.96M	10	7.96	57	0.88	372
SWF2012CF-4R7 □	4.70	0.5V/7.96M	10	7.96	51	0.99	345
SWF2012CF-5R6 □	5.60	0.5V/7.96M	10	7.96	44	1.06	335
SWF2012CF-6R8 □	6.80	0.5V/7.96M	10	7.96	39	1.21	315
SWF2012CF-8R2 □	8.20	0.5V/7.96M	10	7.96	33	1.33	295
SWF2012CF-100 □	10.0	0.5V/2.52M	10	2.52	30	1.79	260
SWF2012CF-120 □	12.0	0.5V/2.52M	10	2.52	27	1.98	250
SWF2012CF-150 □	15.0	0.5V/2.52M	10	2.52	22	2.68	215
SWF2012CF-180 □	18.0	0.5V/2.52M	10	2.52	20	3.12	195
SWF2012CF-220 □	22.0	0.5V/2.52M	10	2.52	18	3.48	180
SWF2012CF-270 □	27.0	0.5V/2.52M	10	2.52	16	3.84	170
SWF2012CF-330 □	33.0	0.5V/2.52M	10	2.52	15	4.34	145

□ : K=±10% , M=±20%

Impedance vs Frequency, DC Bias Characteristics (Typical)



Remark

All the data listed in this catalogue are for reference only, TAI-TECH reserves the right to alter or revise the specifications without prior notification. For the latest specification, please visit our website: www.taitech.com.hk