

SCI 1812 (4532) FERRITE SERIES

Specification

Part No.	Inductance ¹ (uH)	Percent Tolerance	Q ² Min	S.R.F. ³	RDC ⁴	IDC ⁵
				Min (MHZ)	Max (OHM)	Max (MA)
SCI 1812 FT R10 □□□	0.10 @ 25.2 MHZ	M 35	@ 25.2 MHZ	300	0.18	800
SCI 1812 FT R12 □□□	0.12 @ 25.2 MHZ	M 35	@ 25.2 MHZ	280	0.20	770
SCI 1812 FT R15 □□□	0.15 @ 25.2 MHZ	M 35	@ 25.2 MHZ	250	0.22	730
SCI 1812 FT R18 □□□	0.18 @ 25.2 MHZ	M 35	@ 25.2 MHZ	220	0.24	700
SCI 1812 FT R22 □□□	0.22 @ 25.2 MHZ	M 40	@ 25.2 MHZ	200	0.25	665
SCI 1812 FT R27 □□□	0.27 @ 25.2 MHZ	M 40	@ 25.2 MHZ	180	0.26	635
SCI 1812 FT R33 □□□	0.33 @ 25.2 MHZ	M 40	@ 25.2 MHZ	165	0.28	605
SCI 1812 FT R39 □□□	0.39 @ 25.2 MHZ	M 40	@ 25.2 MHZ	150	0.30	575
SCI 1812 FT R47 □□□	0.47 @ 25.2 MHZ	M 40	@ 25.2 MHZ	145	0.32	545
SCI 1812 FT R56 □□□	0.56 @ 25.2 MHZ	M 40	@ 25.2 MHZ	140	0.36	520
SCI 1812 FT R68 □□□	0.68 @ 25.2 MHZ	M 40	@ 25.2 MHZ	135	0.40	500
SCI 1812 FT R82 □□□	0.82 @ 25.2 MHZ	M 40	@ 25.2 MHZ	130	0.45	475
SCI 1812 FT 1R0 □□□	1.0 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	100	0.50	450
SCI 1812 FT 1R2 □□□	1.2 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	80	0.55	430
SCI 1812 FT 1R5 □□□	1.5 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	70	0.60	410
SCI 1812 FT 1R8 □□□	1.8 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	60	0.65	390
SCI 1812 FT 2R2 □□□	2.2 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	55	0.70	380
SCI 1812 FT 2R7 □□□	2.7 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	50	0.75	370
SCI 1812 FT 3R3 □□□	3.3 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	45	0.80	355
SCI 1812 FT 3R9 □□□	3.9 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	40	0.90	330
SCI 1812 FT 4R7 □□□	4.7 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	35	1.00	315
SCI 1812 FT 5R6 □□□	5.6 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	33	1.10	300
SCI 1812 FT 6R8 □□□	6.8 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	27	1.20	285
SCI 1812 FT 8R2 □□□	8.2 @ 7.96 MHZ	J, K 50	@ 7.96 MHZ	25	1.40	270
SCI 1812 FT 100 □□□	10 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	20	1.60	250
SCI 1812 FT 120 □□□	12 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	18	2.00	225
SCI 1812 FT 150 □□□	15 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	17	2.50	200
SCI 1812 FT 180 □□□	18 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	15	2.80	190
SCI 1812 FT 220 □□□	22 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	13	3.20	180
SCI 1812 FT 270 □□□	27 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	12	3.60	170
SCI 1812 FT 330 □□□	33 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	11	4.00	160
SCI 1812 FT 390 □□□	39 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	10	4.50	150
SCI 1812 FT 470 □□□	47 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	10	5.0	140
SCI 1812 FT 560 □□□	56 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	9	5.5	135
SCI 1812 FT 680 □□□	68 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	9	6.0	130
SCI 1812 FT 820 □□□	82 @ 2.52 MHZ	J, K 50	@ 2.52 MHZ	8	7.0	120
SCI 1812 FT 101 □□□	100 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	8	8.0	110
SCI 1812 FT 121 □□□	120 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	6	8.0	110
SCI 1812 FT 151 □□□	150 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	5	9.0	105
SCI 1812 FT 181 □□□	180 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	5	9.5	102
SCI 1812 FT 221 □□□	220 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	4	10.0	100
SCI 1812 FT 271 □□□	270 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	4	12.0	92
SCI 1812 FT 331 □□□	330 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	3.5	14.0	85
SCI 1812 FT 391 □□□	390 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	3	16.0	80
SCI 1812 FT 471 □□□	470 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	3	26.0	62
SCI 1812 FT 561 □□□	560 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	3	30.0	50
SCI 1812 FT 681 □□□	680 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	3	30.0	50
SCI 1812 FT 821 □□□	820 @ 0.796 MHZ	J, K 40	@ 0.796 MHZ	2.5	35.0	30
SCI 1812 FT 102 □□□	1000 @ 0.252 MHZ	J, K 40	@ 0.252 MHZ	2.5	40.0	30

1. Inductance is measured in HP-4285A Precision LCR meter with HP-16034E fixture.

2. Q is measured in HP-4285A Precision LCR meter with HP-16034E fixture.

3. SRF is measured in HP-8753D impedance analyzer with HP-16034E fixture.

4. RDC is measured in HP-4338B milliohmeter.

5. For 15 °C Rise.