CHIP INDUCTOR
Molding TYPE

SCI 1812 (4532) HIGH GURRENT SERIES Atom

Specification

Part No.	Inductance [1] (uH)	Percent Tolerance	Q [2] Min	S.R.F. [3] Min (MHZ)	RDC [4] Max (OHM)	IDC [5] Max (MA)
SCI 1812 FT 1R0 □□□	1.0 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	180	0.11	1050
SCI 1812 FT 1R2 □□□	1.2 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	160	0.12	1000
SCI 1812 FT 1R5 □□□	1.5 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	130	0.15	950
SCI 1812 FT 1R8 □□□	1.8 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	100	0.16	900
SCI 1812 FT 2R2 □□□	2.2 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	80	0.18	850
SCI 1812 FT 2R7 □□□	2.7 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	60	0.20	800
SCI 1812 FT 3R3 □□□	3.3 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	45	0.22	750
SCI 1812 FT 3R9 □□□	3.9 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	40	0.24	700
SCI 1812 FT 4R7 □□□	4.7 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	35	0.27	650
SCI 1812 FT 5R6 □□□	5.6 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	30	0.30	650
SCI 1812 FT 6R8 □□□	6.8 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	28	0.35	600
SCI 1812 FT 8R2 □□□	8.2 @ 7.96 MHZ	**K**	10 @ 7.96 MHZ	25	0.40	600
SCI 1812 FT 100 □□□	10 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	22	0.50	550
SCI 1812 FT 120 □□□	12 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	21	0.60	500
SCI 1812 FT 150 □□□	15 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	20	0.70	450
SCI 1812 FT 180 □□□	18 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	19	0.80	400
SCI 1812 FT 220 □□□	22 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	18	0.90	370
SCI 1812 FT 270 □□□	27 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	16	1.20	330
SCI 1812 FT 330 □□□	33 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	14	1.40	300
SCI 1812 FT 390 □□□	39 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	12	1.60	280
SCI 1812 FT 470 □□□	47 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	11.5	1.90	260
SCI 1812 FT 560 □□□	56 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	11.0	2.20	240
SCI 1812 FT 680 □□□	68 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	10.0	2.60	220
SCI 1812 FT 820 □□□	82 @ 2.52 MHZ	**K**	10 @ 2.52 MHZ	9.0	3.50	200
SCI 1812 FT 101 □□□	100 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	8.0	4.00	180
SCI 1812 FT 121 □□□	120 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	7.5	4.50	160
SCI 1812 FT 151 □□□	150 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	7.0	6.50	140
SCI 1812 FT 181 □□□	180 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	6.5	7.50	120
SCI 1812 FT 221 □□□	220 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	5.5	9.00	120
SCI 1812 FT 271 □□□	270 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	5.0	11.00	100
SCI 1812 FT 331 □□□	330 @ 0.796 MHZ	**K**	20 @ 0.796 MHZ	4.0	13.00	90

1. Inductance is measured in HP-4285A Precision LCR meter/ HP-4287A LCR meter with HP-16193 fixture.
2. Q is measured in HP-4285A Precision LCR meter, HP-4287A LCR meter with HP-16193 fixture.
3. SRF is measured in HP-8753E RF network analyzer.
4. RDC is measured in HP-4338B millohmeter.
5. For 15 °C Rise.