

SCI 1210 (3225) FERRITE SERIES

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 1210 FT R01 □□□	0.01 @ 100 MHZ	J	15 @ 100 MHZ	2500	0.13	450
SCI 1210 FT R012 □□□	0.012 @ 100 MHZ	J	17 @ 100 MHZ	2300	0.14	450
SCI 1210 FT R015 □□□	0.015 @ 100 MHZ	J	19 @ 100 MHZ	2100	0.16	450
SCI 1210 FT R018 □□□	0.018 @ 100 MHZ	J	21 @ 100 MHZ	1900	0.18	450
SCI 1210 FT R022 □□□	0.022 @ 100 MHZ	J	23 @ 100 MHZ	1700	0.20	450
SCI 1210 FT R027 □□□	0.027 @ 100 MHZ	J	23 @ 100 MHZ	1500	0.22	450
SCI 1210 FT R033 □□□	0.033 @ 100 MHZ	J	25 @ 100 MHZ	1400	0.24	450
SCI 1210 FT R039 □□□	0.039 @ 100 MHZ	J	25 @ 100 MHZ	1300	0.27	450
SCI 1210 FT R047 □□□	0.047 @ 100 MHZ	J	26 @ 100 MHZ	1200	0.30	450
SCI 1210 FT R056 □□□	0.056 @ 100 MHZ	J	26 @ 100 MHZ	1100	0.33	450
SCI 1210 FT R068 □□□	0.068 @ 100 MHZ	J	27 @ 100 MHZ	1000	0.36	450
SCI 1210 FT R082 □□□	0.082 @ 100 MHZ	J	27 @ 100 MHZ	900	0.40	450
SCI 1210 FT R10 □□□	0.10 @ 100 MHZ	J	28 @ 100 MHZ	700	0.44	450
SCI 1210 FT R12 □□□	0.12 @ 25.2 MHZ	J	30 @ 25.2 MHZ	500	0.22	450
SCI 1210 FT R15 □□□	0.15 @ 25.2 MHZ	J	30 @ 25.2 MHZ	450	0.25	450
SCI 1210 FT R18 □□□	0.18 @ 25.2 MHZ	J	30 @ 25.2 MHZ	400	0.28	450
SCI 1210 FT R22 □□□	0.22 @ 25.2 MHZ	J	30 @ 25.2 MHZ	350	0.32	450
SCI 1210 FT R27 □□□	0.27 @ 25.2 MHZ	J	30 @ 25.2 MHZ	320	0.36	450
SCI 1210 FT R33 □□□	0.33 @ 25.2 MHZ	J	30 @ 25.2 MHZ	300	0.40	450
SCI 1210 FT R39 □□□	0.39 @ 25.2 MHZ	J	30 @ 25.2 MHZ	250	0.45	450
SCI 1210 FT R47 □□□	0.47 @ 25.2 MHZ	J	30 @ 25.2 MHZ	220	0.50	450
SCI 1210 FT R56 □□□	0.56 @ 25.2 MHZ	J	30 @ 25.2 MHZ	180	0.55	450
SCI 1210 FT R68 □□□	0.68 @ 25.2 MHZ	J	30 @ 25.2 MHZ	160	0.60	450
SCI 1210 FT R82 □□□	0.82 @ 25.2 MHZ	J	30 @ 25.2 MHZ	140	0.65	450
SCI 1210 FT 1R0 □□□	1.0 @ 7.96 MHZ	J	30 @ 7.96 MHZ	120	0.70	400
SCI 1210 FT 1R2 □□□	1.2 @ 7.96 MHZ	J	30 @ 7.96 MHZ	100	0.75	390
SCI 1210 FT 1R5 □□□	1.5 @ 7.96 MHZ	J	30 @ 7.96 MHZ	85	0.85	370
SCI 1210 FT 1R8 □□□	1.8 @ 7.96 MHZ	J	30 @ 7.96 MHZ	80	0.90	350
SCI 1210 FT 2R2 □□□	2.2 @ 7.96 MHZ	J	30 @ 7.96 MHZ	75	1.00	320
SCI 1210 FT 2R7 □□□	2.7 @ 7.96 MHZ	J	30 @ 7.96 MHZ	70	1.10	290
SCI 1210 FT 3R3 □□□	3.3 @ 7.96 MHZ	J	30 @ 7.96 MHZ	60	1.20	260
SCI 1210 FT 3R9 □□□	3.9 @ 7.96 MHZ	J	30 @ 7.96 MHZ	55	1.30	250
SCI 1210 FT 4R7 □□□	4.7 @ 7.96 MHZ	J	30 @ 7.96 MHZ	50	1.50	220
SCI 1210 FT 5R6 □□□	5.6 @ 7.96 MHZ	J	30 @ 7.96 MHZ	45	1.60	200
SCI 1210 FT 6R8 □□□	6.8 @ 7.96 MHZ	J	30 @ 7.96 MHZ	40	1.80	180
SCI 1210 FT 8R2 □□□	8.2 @ 7.96 MHZ	J	30 @ 7.96 MHZ	35	2.00	170
SCI 1210 FT 100 □□□	10 @ 2.52 MHZ	J	30 @ 2.52 MHZ	30	2.10	150
SCI 1210 FT 120 □□□	12 @ 2.52 MHZ	J	30 @ 2.52 MHZ	20	2.50	140
SCI 1210 FT 150 □□□	15 @ 2.52 MHZ	J	30 @ 2.52 MHZ	20	2.80	130

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SCI 1210 FT 180 □□□	18	@ 2.52 MHZ	J 30 @ 2.52 MHZ	20	3.30	120
SCI 1210 FT 220 □□□	22	@ 2.52 MHZ	J 30 @ 2.52 MHZ	20	3.70	110
SCI 1210 FT 270 □□□	27	@ 2.52 MHZ	J 30 @ 2.52 MHZ	20	5.00	80
SCI 1210 FT 330 □□□	33	@ 2.52 MHZ	J 30 @ 2.52 MHZ	17	5.60	70
SCI 1210 FT 390 □□□	39	@ 2.52 MHZ	J 30 @ 2.52 MHZ	16	6.40	65
SCI 1210 FT 470 □□□	47	@ 2.52 MHZ	J 30 @ 2.52 MHZ	15	7	60
SCI 1210 FT 560 □□□	56	@ 2.52 MHZ	J 30 @ 2.52 MHZ	13	8	55
SCI 1210 FT 680 □□□	68	@ 2.52 MHZ	J 30 @ 2.52 MHZ	12	9	50
SCI 1210 FT 820 □□□	82	@ 2.52 MHZ	J 30 @ 2.52 MHZ	11	10	45
SCI 1210 FT 101 □□□	100	@ 0.796 MHZ	J 20 @ 0.796 MHZ	10	10	40
SCI 1210 FT 121 □□□	120	@ 0.796 MHZ	J 20 @ 0.796 MHZ	10	11	70
SCI 1210 FT 151 □□□	150	@ 0.796 MHZ	J 20 @ 0.796 MHZ	8	15	65
SCI 1210 FT 181 □□□	180	@ 0.796 MHZ	J 20 @ 0.796 MHZ	7	17	60
SCI 1210 FT 221 □□□	220	@ 0.796 MHZ	J 20 @ 0.796 MHZ	7	21	50
SCI 1210 FT 271 □□□	270	@ 0.796 MHZ	J 20 @ 0.796 MHZ	6	28	45
SCI 1210 FT 331 □□□	330	@ 0.796 MHZ	J 20 @ 0.796 MHZ	5	34	40
SCI 1210 FT 391 □□□	390	@ 0.796 MHZ	J 20 @ 0.796 MHZ	5	36	35
SCI 1210 FT 471 □□□	470	@ 0.796 MHZ	J 20 @ 0.796 MHZ	4	40	25

1. Inductance is measured in HP-4285A Precision LCR meter
HP-4287A RF LCR meter with HP-16193 fixture.
2. Q is measured in HP-4285A Precision LCR meter
HP-4287A RF 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.