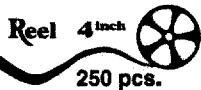

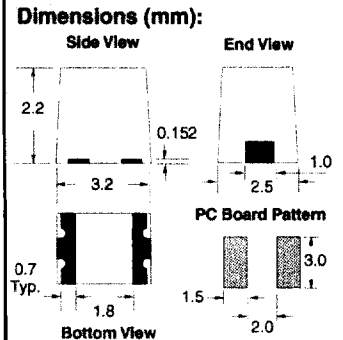


MODEL ISC1210 Shielded Inductors Molded Case



Inductance	 Reel 4" x 4" x 1" 250 pcs.	 Bag 100 pcs.	Rated Current Max	DCR Ohms Max	Q Min	Self-Resonant Frequency MHz Min
.01μH	ISC1210 R010K RE4	ISC1210 R010K B25	810mA	0.10Ω	50	1000MHz
.012μH	ISC1210 R012K RE4	ISC1210 R012K B25	750mA	0.11Ω	50	1000MHz
.015μH	ISC1210 R015K RE4	ISC1210 R015K B25	720mA	0.12Ω	50	1000MHz
.018μH	ISC1210 R018K RE4	ISC1210 R018K B25	690mA	0.13Ω	50	1000MHz
.022μH	ISC1210 R022K RE4	ISC1210 R022K B25	640mA	0.15Ω	45	1000MHz
.027μH	ISC1210 R027K RE4	ISC1210 R027K B25	610mA	0.17Ω	45	1000MHz
.033μH	ISC1210 R033K RE4	ISC1210 R033K B25	585mA	0.18Ω	45	1000MHz
.039μH	ISC1210 R039K RE4	ISC1210 R039K B25	530mA	0.24Ω	40	1000MHz
.047μH	ISC1210 R047K RE4	ISC1210 R047K B25	495mA	0.26Ω	40	1000MHz
.056μH	ISC1210 R056K RE4	ISC1210 R056K B25	485mA	0.28Ω	40	1000MHz
.068μH	ISC1210 R068K RE4	ISC1210 R068K B25	475mA	0.35Ω	40	1000MHz
.082μH	ISC1210 R082K RE4	ISC1210 R082K B25	460mA	0.45Ω	38	900MHz
.1μH	ISC1210 R10K RE4	ISC1210 R10K B25	450mA	0.50Ω	36	700MHz
.12μH	ISC1210 R12K RE4	ISC1210 R12K B25	630mA	0.20Ω	40	500MHz
.15μH	ISC1210 R15K RE4	ISC1210 R15K B25	600mA	0.20Ω	40	470MHz
.18μH	ISC1210 R18K RE4	ISC1210 R18K B25	580mA	0.24Ω	40	400MHz
.22μH	ISC1210 R22K RE4	ISC1210 R22K B25	565mA	0.30Ω	40	330MHz
.27μH	ISC1210 R27K RE4	ISC1210 R27K B25	500mA	0.33Ω	40	310MHz
.33μH	ISC1210 R33K RE4	ISC1210 R33K B25	475mA	0.36Ω	40	280MHz
.39μH	ISC1210 R39K RE4	ISC1210 R39K B25	465mA	0.40Ω	40	230MHz
.47μH	ISC1210 R47K RE4	ISC1210 R47K B25	460mA	0.44Ω	40	220MHz
.56μH	ISC1210 R56K RE4	ISC1210 R56K B25	455mA	0.46Ω	40	200MHz
.68μH	ISC1210 R68K RE4	ISC1210 R68K B25	450mA	0.48Ω	40	180MHz
.82μH	ISC1210 R82K RE4	ISC1210 R82K B25	450mA	0.50Ω	40	160MHz
1.0μH	ISC1210 R10J RE4	ISC1210 R10J B25	400mA	0.60Ω	30	120MHz
1.2μH	ISC1210 R12J RE4	ISC1210 R12J B25	390mA	0.65Ω	30	110MHz
1.5μH	ISC1210 R15J RE4	ISC1210 R15J B25	370mA	0.75Ω	30	90MHz
1.8μH	ISC1210 R18J RE4	ISC1210 R18J B25	350mA	0.85Ω	30	85MHz
2.2μH	ISC1210 R22J RE4	ISC1210 R22J B25	320mA	0.90Ω	30	65MHz
2.7μH	ISC1210 R27J RE4	ISC1210 R27J B25	290mA	1.00Ω	30	60MHz
3.3μH	ISC1210 R33J RE4	ISC1210 R33J B25	270mA	1.10Ω	30	60MHz
3.9μH	ISC1210 R39J RE4	ISC1210 R39J B25	250mA	1.20Ω	30	58MHz
4.7μH	ISC1210 R47J RE4	ISC1210 R47J B25	220mA	1.25Ω	30	52MHz
5.6μH	ISC1210 R56J RE4	ISC1210 R56J B25	210mA	1.40Ω	30	50MHz
6.8μH	ISC1210 R68J RE4	ISC1210 R68J B25	205mA	1.60Ω	30	40MHz
8.2μH	ISC1210 R82J RE4	ISC1210 R82J B25	195mA	1.65Ω	30	35MHz
10μH	ISC1210 R100J RE4	ISC1210 R100J B25	185mA	2.0Ω	30	30MHz
12μH	ISC1210 R120J RE4	ISC1210 R120J B25	175mA	2.3Ω	30	24MHz
15μH	ISC1210 R150J RE4	ISC1210 R150J B25	165mA	2.5Ω	30	20MHz
18μH	ISC1210 R180J RE4	ISC1210 R180J B25	155mA	2.7Ω	30	17MHz
22μH	ISC1210 R220J RE4	ISC1210 R220J B25	150mA	3.1Ω	30	16MHz
27μH	ISC1210 R270J RE4	ISC1210 R270J B25	125mA	3.3Ω	30	14.5MHz
33μH	ISC1210 R330J RE4	ISC1210 R330J B25	115mA	5.1Ω	30	14.5MHz
39μH	ISC1210 R390J RE4	ISC1210 R390J B25	105mA	5.9Ω	30	14MHz
47μH	ISC1210 R470J RE4	ISC1210 R470J B25	100mA	8.0Ω	30	13MHz
56μH	ISC1210 R560J RE4	ISC1210 R560J B25	95mA	10Ω	30	11.5MHz
68μH	ISC1210 R680J RE4	ISC1210 R680J B25	90mA	10Ω	30	11MHz
82μH	ISC1210 R820J RE4	ISC1210 R820J B25	85mA	11Ω	30	11MHz
100μH	ISC1210 R101J RE4	ISC1210 R101J B25	85mA	12Ω	30	6MHz

SPECIFICATIONS



Termination:
Metal Terminals with nickel barrier

Core Material:
.01μH - .1μH Non-Magnetic
.12μH to 100μH Powdered Iron

Case Material: Molded Epoxy

Shielding:
Electromagnetic ferrite shield
minimizes coupling to other
components.

Operating Temperature: -55°C to 125°C

Inductance Tolerance:
.01μH - .82μH ± 10%
1.0μH - up ± 5%

FlashFax

24 Hour Technical Consultation



Dial

USA 1-800-487-9437
Other 1-402-562-6729

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