

**Features:**

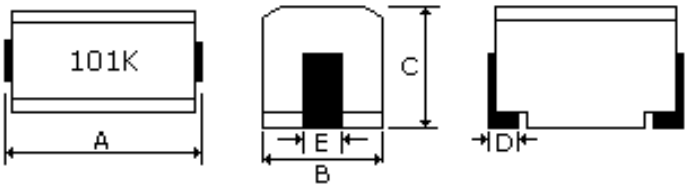
- Resistant to mechanical shocks and pressures
- Accurate dimensions for automatically surface mounted
- Fully compliant with RoHS Directive



**Applications**

- AV equipments: LCD TV, VCR, and digital cameras
- Telecommunications devices such as, xDSL or base stations
- Automobile audio systems
- Computer products & peripherals

**DIMENSIONS UNIT: mm**



Part No.	A (±0.3)	B (±0.2)	C (±0.2)	D(Ref)	E (Ref)
DL1210	3.2	2.5	2.2	0.6	1.2
DL1812	4.5	3.2	3.2	1.2	1.4



## WIRE WOUND CHIP MOLDED INDUCTORS / DL TYPE

### ELECTRICAL CHARACTERISTICS FOR DL1210

Part No.	Inductance	Q	Test Frequency	SRF	RDC	IDC
	( $\mu$ H)	Min.	(MHz)	Min.	Max.	Max.
				(MHz)	( $\Omega$ )	(mA)
DL1210-0.12	0.12	30	25.2	500	0.22	450
DL1210-0.15	0.15	30	25.2	450	0.25	450
DL1210-0.18	0.18	30	25.2	400	0.28	450
DL1210-0.22	0.22	30	25.2	350	0.32	450
DL1210-0.27	0.27	30	25.2	320	0.36	450
DL1210-0.33	0.33	30	25.2	300	0.40	450
DL1210-0.39	0.39	30	25.2	250	0.45	450
DL1210-0.47	0.47	30	25.2	220	0.50	450
DL1210-0.56	0.56	30	25.2	180	0.55	450
DL1210-0.68	0.68	30	25.2	160	0.60	450
DL1210-0.82	0.82	30	25.2	140	0.65	450
DL1210-1	1.00	30	7.96	120	0.70	400
DL1210-1.2	1.20	30	7.96	100	0.75	390
DL1210-1.5	1.50	30	7.96	85	0.85	370
DL1210-1.8	1.80	30	7.96	80	0.90	350
DL1210-2.2	2.20	30	7.96	75	1.00	320
DL1210-2.7	2.70	30	7.96	70	1.10	290
DL1210-3.3	3.30	30	7.96	60	1.20	260
DL1210-3.9	3.90	30	7.96	55	1.30	250
DL1210-4.7	4.70	30	7.96	50	1.50	220
DL1210-5.6	5.60	30	7.96	47	1.60	200
DL1210-6.8	6.80	30	7.96	43	1.80	180
DL1210-8.2	8.20	30	7.96	40	2.00	170
DL1210-10	10	30	2.52	36	2.10	150
DL1210-12	12	30	2.52	33	2.50	140
DL1210-15	15	30	2.52	28	2.80	130
DL1210-18	18	30	2.52	25	3.30	120
DL1210-22	22	30	2.52	23	3.70	110
DL1210-27	27	30	2.52	18	5.00	80
DL1210-33	33	30	2.52	17	5.60	70
DL1210-39	39	30	2.52	16	6.40	65
DL1210-47	47	30	2.52	15	7.00	60
DL1210-56	56	30	2.52	13	8.00	55
DL1210-68	68	30	2.52	12	9.00	50
DL1210-82	82	30	2.52	11	10.0	45
DL1210-100	100	20	0.796	10	11.0	40
DL1210-120	120	20	0.796	10	12.0	70
DL1210-150	150	20	0.796	8	15.0	65
DL1210-180	180	20	0.796	7	17.0	60
DL1210-220	220	20	0.796	7	21.0	60

**ELECTRICAL CHARACTERISTICS FOR DL1812**

Part No.	Inductance	Q	Test Frequency	SRF	RDC	IDC
	( $\mu$ H)	Min.	(MHz)	Min.	Max.	Max.
				(MHz)	( $\Omega$ )	(mA)
DL1812-0.1	0.10	35	25.2	300	0.20	800
DL1812-0.12	0.12	35	25.2	280	0.20	770
DL1812-0.15	0.15	35	25.2	250	0.20	730
DL1812-0.18	0.18	35	25.2	200	0.20	700
DL1812-0.22	0.22	40	25.2	220	0.30	665
DL1812-0.27	0.27	40	25.2	180	0.30	635
DL1812-0.33	0.33	40	25.2	165	0.30	605
DL1812-0.39	0.39	40	25.2	150	0.30	575
DL1812-0.47	0.47	40	25.2	145	0.30	545
DL1812-0.56	0.56	40	25.2	140	0.40	520
DL1812-0.68	0.68	40	25.2	135	0.40	500
DL1812-0.82	0.82	40	25.2	130	0.50	475
DL1812-1	1.00	50	7.96	100	0.50	450
DL1812-1.2	1.20	50	7.96	80	0.60	430
DL1812-1.5	1.50	50	7.96	70	0.60	410
DL1812-1.8	1.80	50	7.96	65	0.70	390
DL1812-2.2	2.20	50	7.96	60	0.70	380
DL1812-2.7	2.70	50	7.96	50	0.80	370
DL1812-3.3	3.30	50	7.96	45	0.80	355
DL1812-3.9	3.90	50	7.96	40	0.90	330
DL1812-4.7	4.70	50	7.96	35	1.00	315
DL1812-5.6	5.60	50	7.96	33	1.10	300
DL1812-6.8	6.80	50	7.96	27	1.20	285
DL1812-8.2	8.20	50	7.96	25	1.40	270
DL1812-10	10	50	2.52	20	1.60	250
DL1812-12	12	50	2.52	18	2.00	225
DL1812-15	15	50	2.52	17	2.50	200
DL1812-18	18	50	2.52	15	2.80	190
DL1812-22	22	50	2.52	13	3.20	180
DL1812-27	27	50	2.52	12	3.60	170
DL1812-33	33	50	2.52	11	4.00	160
DL1812-39	39	50	2.52	10	4.50	150
DL1812-47	47	50	2.52	10	5.00	140
DL1812-56	56	50	2.52	9.0	5.50	135
DL1812-68	68	50	2.52	9.0	6.00	130
DL1812-82	82	50	2.52	8.0	7.00	120
DL1812-100	100	40	0.796	8.0	8.00	110
DL1812-120	120	40	0.796	6.0	8.00	110



## WIRE WOUND CHIP MOLDED INDUCTORS / DL TYPE

Part No.	Inductance	Q	Test Frequency	SRF	RDC	IDC
				Min.	Max.	Max.
	( $\mu$ H)	Min.	(MHz)	(MHz)	( $\Omega$ )	(mA)
DL1812-150	150	40	0.796	5.0	9.00	105
DL1812-180	180	40	0.796	5.0	9.50	102
DL1812-220	220	40	0.796	4.0	10.0	100
DL1812-270	270	40	0.796	4.0	12.0	92
DL1812-330	330	40	0.796	3.5	14.0	85
DL1812-390	390	40	0.796	3.0	18.0	80
DL1812-470	470	40	0.796	3.0	26.0	62
DL1812-560	560	30	0.796	3.0	30.0	50
DL1812-680	680	30	0.796	3.0	30.0	50
DL1812-820	820	30	0.796	2.5	35.0	30
DL1812-1000	1000	20	0.252	2.5	40.0	30