

TYPE 25C & 26C

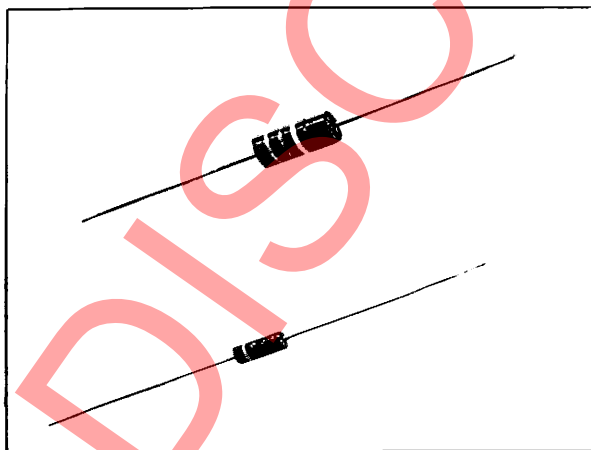
MOLDED INDUCTORS

FEATURES

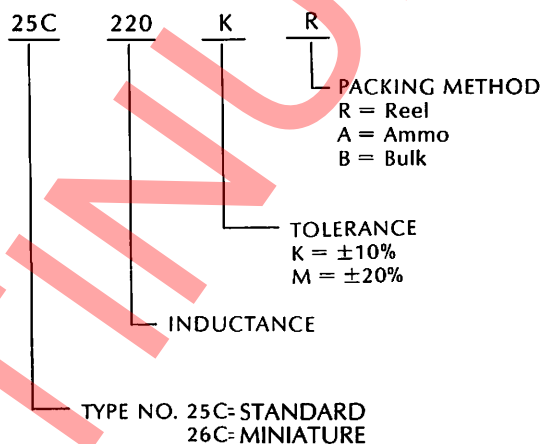
- * Epoxy molded construction provides excellent moisture protection
- * Wide inductance range in small package
- * Precision performance, excellent reliability
- * Flame retardant coating
- * Available in bulk or tape and reel packaging

SPECIFICATIONS

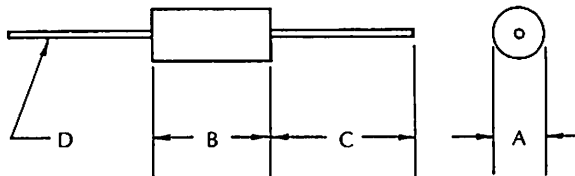
- * **Operating Temperature:** -20°C to $+105^{\circ}\text{C}$
- * **Inductance Tolerance:** standard $\pm 10\%$
special tolerance available on request
- * **Dielectric Strength:** 1000 VAC
per MIL-STD-202, method 301
- * **Insulation Resistance:** 1000 Megohms
per MIL-STD-202, method 302
- * **Lead:** Tinned copper
- * **Lead Pull:** 5 lbs.
- * **Vibration:** Per MIL-STD-202, method 204
- * **Shock:** Per MIL-STD-202, method 205
- * **Solderability:** Per MIL-STD-202, method 208



PART NUMBERING SYSTEM



DIMENSIONS



TYPE	A	B	C	D
	± 0.01	± 0.02	MIN.	± 0.002
25C	0.155	0.375	1.25	0.025
26C	0.096	0.250	1.25	0.020

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TYPE 25C

PART NUMBER	L	Q	TEST FREQ.	SRF	DCR	RATED CURRENT
	μ H		MHz	MHz	OHM	mA
	$\pm 10\%$	MIN.		MIN.	MAX.	MAX.
25CR22K	0.22	50	25.0	300	0.12	1400
25CR27K	0.27	50	25.0	260	0.13	1320
25CR33K	0.33	55	25.0	250	0.14	1280
25CR39K	0.39	55	25.0	230	0.15	1200
25CR47K	0.47	50	25.0	22	0.17	1150
25CR56K	0.56	50	25.0	200	0.18	1100
25CR68K	0.68	55	25.0	190	0.20	1030
25CR82K	0.82	55	25.0	172	0.21	980
25C1R0K	1.0	45	25.0	157	0.21	920
25C1R2K	1.2	50	7.9	144	0.22	880
25C1R5K	1.5	50	7.9	131	0.23	830
25C1R8K	1.8	55	7.9	121	0.28	790
25C2R2K	2.2	55	7.9	110	0.28	750
25C2R7K	2.7	60	7.9	100	0.30	720
25C3R3K	3.3	65	7.9	94	0.34	760
25C3R9K	3.9	65	7.9	65	0.37	640
25C4R7K	4.7	70	7.9	56	0.39	620
25C5R6K	5.6	70	7.9	50	0.43	590
25C6R8K	6.8	75	7.9	40	0.49	550
25C8R2K	8.2	80	7.9	35	0.55	530
25C100K	10	65	7.9	30	0.63	500
25C120K	12	55	2.5	25	0.65	480
25C150K	15	55	2.5	20	0.81	460
25C180K	18	50	2.5	14	0.82	430
25C220K	22	50	2.5	9	0.95	410
25C270K	27	45	2.5	7	1.05	390
25C330K	33	45	2.5	6	1.05	370
25C390K	39	45	2.5	6	1.10	350
25C470K	47	40	2.5	6	1.31	340
25C560K	56	40	2.5	5.5	1.38	320
25C680K	68	40	2.5	5	1.62	305
25C820K	82	35	2.5	5	1.71	290
25C101K	100	30	2.5	4.5	2.10	275
25C121K	120	55	0.79	3.5	3.10	185
25C151K	150	55	0.79	3.0	3.45	175
25C181K	180	55	0.79	2.8	4.10	165
25C221K	220	60	0.79	2.5	4.54	155
25C271K	270	65	0.79	2.3	5.15	145
25C331K	330	60	0.79	2.0	6.40	137
25C391K	390	65	0.79	2.0	7.15	133
25C471K	470	60	0.79	1.9	7.70	126
25C561K	560	50	0.79	1.8	8.50	120
25C681K	680	55	0.79	1.5	9.00	113
25C821K	820	45	0.79	1.2	10.50	105
25C102K	1000	40	0.79	1.0	14.00	100

TYPE 26C

PART NUMBER	L	Q	TEST FREQ.	SRF	DCR	RATED CURRENT
	μ H		MHz	MHz	OHM	mA
	$\pm 10\%$	MIN.		MIN.	MAX.	MAX.
26CR10K	0.10	35	25.0	680	0.07	1350
26CR12K	0.12	35	25.0	640	0.09	1270
26CR15K	0.15	35	25.0	600	0.10	1200
26CR18K	0.18	35	25.0	550	0.12	1105
26CR22K	0.22	33	25.0	510	0.14	1025
26CR27K	0.27	33	25.0	430	0.16	960
26CR33K	0.33	30	25.0	410	0.22	815
26CR39K	0.39	30	25.0	380	0.30	700
26CR47K	0.47	30	25.0	340	0.40	650
26CR56K	0.56	30	25.0	300	0.50	545
26CR68K	0.68	28	25.0	275	0.60	495
26CR82K	0.82	28	25.0	250	0.80	415
26C1R0K	1.0	25	25.0	230	1.00	385
26C1R2K	1.2	25	7.9	150	0.18	590
26C1R5K	1.5	28	7.9	140	0.22	535
26C1R8K	1.8	30	7.9	125	0.30	455
26C2R2K	2.2	30	7.9	115	0.40	395
26C2R7K	2.7	37	7.9	100	0.55	355
26C3R3K	3.3	45	7.9	90	0.85	270
26C3R9K	3.9	45	7.9	82	1.55	250
26C4R7K	4.7	45	7.9	75	1.20	230
26C5R6K	5.6	50	7.9	65	1.80	185
26C6R8K	6.8	50	7.9	60	2.00	175
26C8R2K	8.2	55	7.9	55	2.70	155
26C100K	10	55	7.9	50	3.70	130
26C120K	12	45	2.5	40	2.70	155
26C150K	15	40	2.5	35	2.80	150
26C180K	18	50	2.5	30	3.10	145
26C220K	22	50	2.5	25	3.30	140
26C270K	27	50	2.5	20	3.50	135
26C330K	33	45	2.5	24	3.40	193
26C390K	39	45	2.5	22	3.60	185
26C470K	47	45	2.5	20	4.50	167
26C560K	56	45	2.5	18	5.70	155
26C680K	68	50	2.5	15	6.70	137
26C820K	82	50	2.5	14	7.30	132
26C101K	100	40	2.5	13	8.00	125