

Molded Chokes

Axial Led Thru Hole

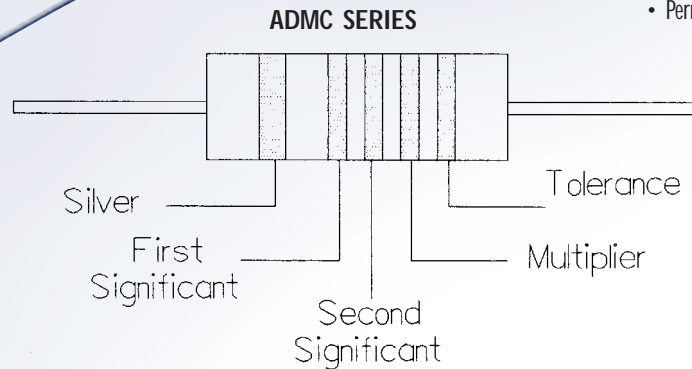
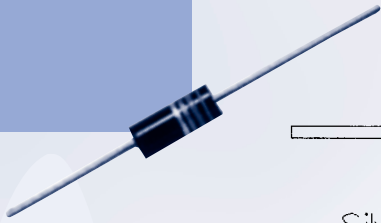
ADMC Series



FEATURES

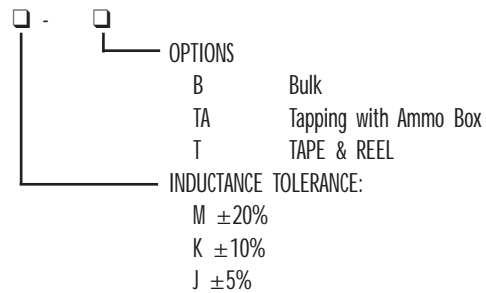
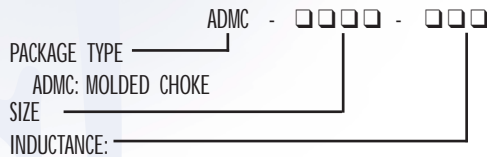
- Low cost.
- High Q and SRF, Low RDC.
- Permanent Color Band.

ADMC



INDUCTANCE VALUES ARE INDICATED WITH COLOR CODE AS SHOWN BELOW.
FIRST SILVER COLOR CODE MEANS AMERICAN MILITARY SPECIFICATION TYPE.

PART NUMBERING GUIDE



STANDARD SPECIFICATIONS

COLOR CODE	FIRST SIGNIFICANT FIGURE	SECOND SIGNIFICANT FIGURE	MULTIPLIER	INDUCTANCE TOLERANCE (%)
Black	0	0	1	-
Brown	1	1	10	-
Red	2	2	100	-
Orange	3	3	1000	-
Yellow	4	4	-	-
Green	5	5	-	-
Blue	6	6	-	-
Violet	7	7	-	-
Gray	8	8	-	-
White	9	9	-	-
Black (M)	-	-	-	±20
Gold (J)	-	-	0.1	±5
Silver (K)	-	-	0.01	±10

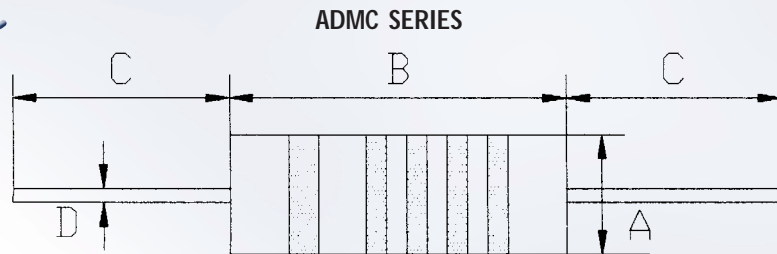
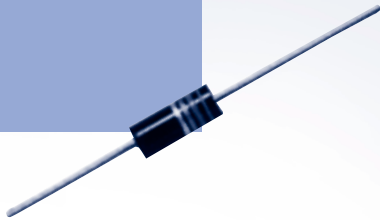


Molded Chokes

Axial Led Thru Hole

ADMC Series — Continued

ADMC



STANDARD SPECIFICATIONS

PACKAGE TYPE	Ø A (mm)	B (mm)	C (mm)	Ø D (mm)
ADMC-4812	4.83 ±0.25	11.18 ±0.25	25.91 (min.)	0.635 ±0.05
ADMC-2434	2.41 ±0.25	3.35 ±0.25	25.91 (min.)	0.500 ±0.05
ADMC-4095	3.96 ±0.25	9.53 ±0.25	25.91 (min.)	0.600 ±0.05
ADMC-6515	6.50 ±0.10	14.50 ±0.25	25.91 (min.)	0.800 ±0.05
ADMC-2051	1.98 ±0.25	5.08 ±0.25	25.91 (min.)	0.410 ±0.05
ADMC-4110	4.11 ±0.25	10.41 ±0.25	25.91 (min.)	0.600 ±0.05

INDUCTANCE & RATED CURRENT RANGES

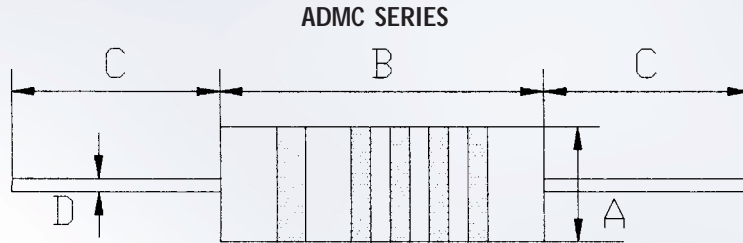
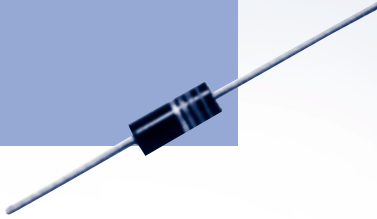
PACKAGE TYPE	INDUCTANCE		RATED CURRENT	
	µH	µH	mA	mA (max.)
ADMC-4812	0.15	1000	3050	78
ADMC-2434	0.10	1000	1380	28
ADMC-4095	0.15	1000	2740	82
ADMC-6515	0.10	1000	1900	80
ADMC-2051	0.10	270	895	39
ADMC-4110	0.10	10000	1790	24

Molded Chokes

Axial Leaded Thru Hole

ADMC-4110 Series

ADMC-4110



PACKAGE TYPE

PACKAGE TYPE	Ø A (mm)	B (mm)	C (mm)	Ø D (mm)
ADMC-4110	4.11 ±0.25	10.41 ±0.25	25.91 (min.)	0.600 ±0.05

STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE (L)	Q min.	FREQUENCY (MHz)	SELF-RESONANT FREQUENCY (MHz) min.	RDC (Ω) max.	IDC (mA) max.
ADMC-4110-R10 □□	0.10 uH	50	25	250	0.025	1790
ADMC-4110-R12 □□	0.12 uH	51	25	250	0.034	1530
ADMC-4110-R15 □□	0.15 uH	51	25	250	0.037	1470
ADMC-4110-R18 □□	0.18 uH	50	25	250	0.047	1300
ADMC-4110-R22 □□	0.22 uH	49	25	250	0.067	1100
ADMC-4110-R27 □□	0.27 uH	47	25	250	0.11	855
ADMC-4110-R33 □□	0.33 uH	46	25	250	0.13	788
ADMC-4110-R39 □□	0.39 uH	44	25	250	0.18	670
ADMC-4110-R47 □□	0.47 uH	44	25	235	0.25	565
ADMC-4110-R56 □□	0.56 uH	43	25	210	0.33	490
ADMC-4110-R68 □□	0.68 uH	42	25	190	0.45	420
ADMC-4110-R82 □□	0.82 uH	40	25	180	0.59	370
ADMC-4110-1R0 □□	1.00 uH	44	25	140	0.07	1070
ADMC-4110-1R2 □□	1.20 uH	44	7.9	130	0.10	895
ADMC-4110-1R5 □□	1.50 uH	44	7.9	115	0.12	815
ADMC-4110-1R8 □□	1.80 uH	44	7.9	105	0.14	775
ADMC-4110-2R2 □□	2.20 uH	44	7.9	100	0.19	650
ADMC-4110-2R7 □□	2.70 uH	44	7.9	92	0.28	535
ADMC-4110-3R3 □□	3.30 uH	44	7.9	85	0.35	480
ADMC-4110-3R9 □□	3.90 uH	44	7.9	75	0.40	450
ADMC-4110-4R7 □□	4.70 uH	44	7.9	70	0.55	380
ADMC-4110-5R6 □□	5.60 uH	44	7.9	65	0.72	335
ADMC-4110-6R8 □□	6.80 uH	50	7.9	55	1.02	280
ADMC-4110-8R2 □□	8.20 uH	50	7.9	50	1.32	250
ADMC-4110-100 □□	10.00 uH	50	7.9	46	1.62	220
ADMC-4110-120 □□	12.00 uH	55	2.5	44	2.00	200
ADMC-4110-150 □□	15.00 uH	45	2.5	49	0.80	315
ADMC-4110-180 □□	18.00 uH	45	2.5	45	0.89	300
ADMC-4110-220 □□	22.00 uH	45	2.5	41	0.96	290
ADMC-4110-270 □□	27.00 uH	45	2.5	38	1.19	260
ADMC-4110-330 □□	33.00 uH	45	2.5	34	1.37	240

Wide Band Chokes

Axial Leaded Thru Hole

ADMC-4110 Series



STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE (L)	Q min.	FREQUENCY (MHz)	SELF-RESONANT FREQUENCY (MHz) min.	RDC (Ω) min. max.	IDC (mA) max.
ADMC-4110-390 □□	39.00 uH	50	2.5	29	1.93	205
ADMC-4110-470 □□	47.00 uH	50	2.5	27	2.11	195
ADMC-4110-560 □□	56.00 uH	50	2.5	25	2.23	190
ADMC-4110-680 □□	68.00 uH	50	2.5	21	2.70	170
ADMC-4110-820 □□	82.00 uH	50	2.5	10.5	2.44	180
ADMC-4110-101 □□	100.00 uH	50	2.5	10	3.12	160
ADMC-4110-121 □□	120.00 uH	55	0.79	9.7	3.60	150
ADMC-4110-151 □□	150.00 uH	55	0.79	8.5	4.10	140
ADMC-4110-181 □□	180.00 uH	55	0.79	8	4.40	135
ADMC-4110-221 □□	220.00 uH	55	0.79	7.5	5.00	125
ADMC-4110-271 □□	270.00 uH	55	0.79	7	5.80	115
ADMC-4110-331 □□	330.00 uH	55	0.79	6.5	6.40	110
ADMC-4110-391 □□	390.00 uH	60	0.79	6.2	7.40	105
ADMC-4110-471 □□	470.00 uH	60	0.79	5.7	9.50	92
ADMC-4110-561 □□	560.00 uH	60	0.79	4.7	10.50	90
ADMC-4110-681 □□	680.00 uH	60	0.79	4.5	11.80	80
ADMC-4110-821 □□	820.00 uH	60	0.79	4.2	13.00	80
ADMC-4110-102 □□	1.00 mH	60	0.79	3.8	17.50	70
ADMC-4110-122 □□	1.20 mH	45	0.25	1.5	22.10	60
ADMC-4110-152 □□	1.50 mH	45	0.25	1.2	26.50	55
ADMC-4110-182 □□	1.80 mH	45	0.25	1.0	29.90	50
ADMC-4110-222 □□	2.20 mH	45	0.25	0.97	33.80	50
ADMC-4110-272 □□	2.70 mH	45	0.25	0.92	47.30	40
ADMC-4110-332 □□	3.30 mH	45	0.25	0.84	53.00	40
ADMC-4110-392 □□	3.90 mH	45	0.25	0.80	73.80	35
ADMC-4110-472 □□	4.70 mH	45	0.25	0.74	81.60	31
ADMC-4110-562 □□	5.60 mH	44	0.25	0.73	98.90	28
ADMC-4110-682 □□	6.80 mH	40	0.25	0.66	111.00	27
ADMC-4110-822 □□	8.20 mH	40	0.25	0.54	119.00	26
ADMC-4110-103 □□	10.00 mH	40	0.25	0.47	137.00	24