

Molded Chokes

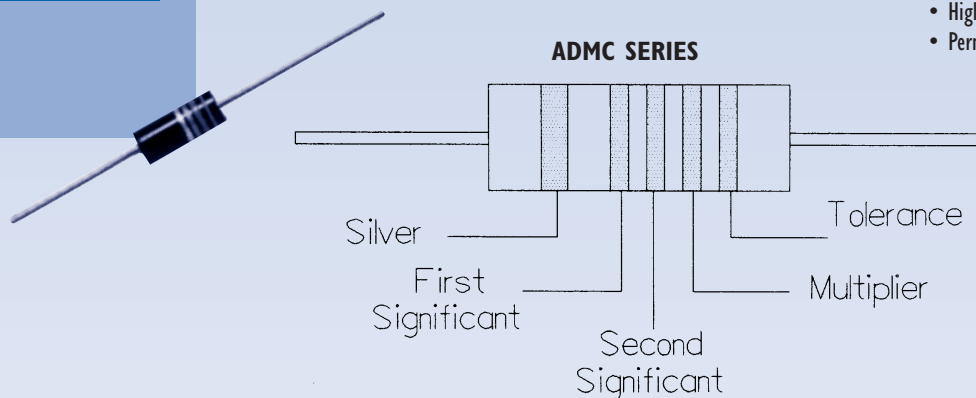
Axial Leaded Thru Hole

ADMC Series

ADMC

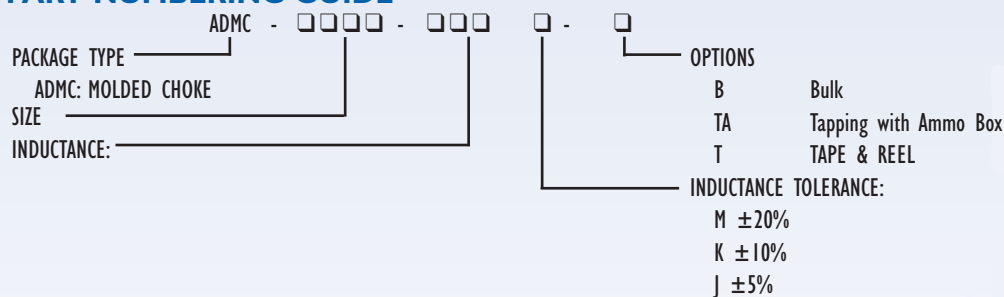
FEATURES

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



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

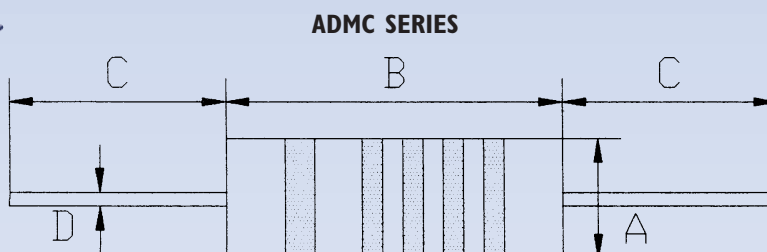
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Axial Leaded Thru Hole

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

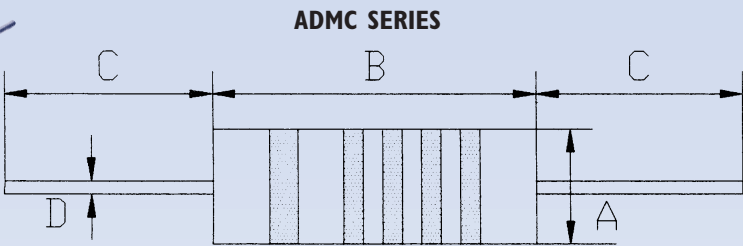
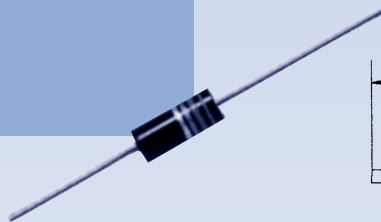
PACKAGE TYPE	INDUCTANCE		RATED CURRENT	
ADMC-4812	0.15	1000 uH	3050	78 mA (max.)
ADMC-2434	0.10	1000 uH	1380	28 mA (max.)
ADMC-4095	0.15	1000 uH	2740	82 mA (max.)
ADMC-6515	0.10	1000 uH	1900	80 mA (max.)
ADMC-2051	0.10	270 uH	895	39 mA (max.)
ADMC-4110	0.10	10000 uH	1790	24 mA (max.)

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ADMC-2434 Series

ADMC-2434



PACKAGE TYPE

PACKAGE TYPE	Ø A (mm)	B (mm)	C (mm)	Ø D (mm)
ADMC-2434	2.41 ±0.25	6.35 ±0.25	25.91 (min.)	0.500 ±0.05

STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE (L)	Q min.	FREQUENCY (MHz)	SELF-RESONANT FREQUENCY (MHz) min.	RDC (Ω) max.	IDC (mA) max.
ADMC-2434-R10 □□	0.10 uH	40	25	680	0.08	1380
ADMC-2434-R12 □□	0.12 uH	40	25	640	0.09	1300
ADMC-2434-R15 □□	0.15 uH	38	25	600	0.10	1230
ADMC-2434-R18 □□	0.18 uH	35	25	550	0.12	1120
ADMC-2434-R22 □□	0.22 uH	33	25	510	0.14	1040
ADMC-2434-R27 □□	0.27 uH	33	25	430	0.16	975
ADMC-2434-R33 □□	0.33 uH	30	25	410	0.22	830
ADMC-2434-R39 □□	0.39 uH	30	25	365	0.30	710
ADMC-2434-R47 □□	0.47 uH	30	25	330	0.35	660
ADMC-2434-R56 □□	0.56 uH	30	25	300	0.50	550
ADMC-2434-R68 □□	0.68 uH	28	25	275	0.60	500
ADMC-2434-R82 □□	0.82 uH	28	25	250	0.85	420
ADMC-2434-1R0 □□	1.00 uH	25	25	230	1.00	390
ADMC-2434-1R2 □□	1.20 uH	25	7.9	150	0.18	620
ADMC-2434-1R5 □□	1.50 uH	28	7.9	140	0.22	560
ADMC-2434-1R8 □□	1.80 uH	30	7.9	125	0.30	480
ADMC-2434-2R2 □□	2.20 uH	30	7.9	115	0.40	415
ADMC-2434-2R7 □□	2.70 uH	37	7.9	100	0.55	355
ADMC-2434-3R3 □□	3.30 uH	45	7.9	90	0.85	285
ADMC-2434-3R9 □□	3.90 uH	45	7.9	80	1.00	263
ADMC-2434-4R7 □□	4.70 uH	45	7.9	75	1.20	239
ADMC-2434-5R6 □□	5.60 uH	50	7.9	65	1.80	195
ADMC-2434-6R8 □□	6.80 uH	50	7.9	60	2.00	185
ADMC-2434-8R2 □□	8.20 uH	55	7.9	55	2.70	160
ADMC-2434-100 □□	10.00 uH	55	7.9	50	3.30	144
ADMC-2434-120 □□	12.00 uH	45	2.5	40	2.70	160
ADMC-2434-150 □□	15.00 uH	45	2.5	35	2.80	157
ADMC-2434-180 □□	18.00 uH	50	2.5	30	3.10	149
ADMC-2434-220 □□	22.00 uH	50	2.5	25	3.30	144
ADMC-2434-270 □□	27.00 uH	50	2.5	20	3.50	140
ADMC-2434-330 □□	33.00 uH	45	2.5	24	3.40	130

- XTAL
- OSC
- VCXO VCO
- TCXO VCTCXO
- FLTR
- RES
- IND

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ADMC-2434 Series — Continued



STANDARD SPECIFICATIONS

ORDERING CODE (L)	INDUCTANCE min.	Q (MHz)	FREQUENCY FREQUENCY (MHz)	SELF-RESONANT (Ω) min.	RDC (mA) max.	IDC max.
ADMC-2434-390 □□	39.00 μH	45	2.5	22	3.60	125
ADMC-2434-470 □□	47.00 μH	45	2.5	20	4.50	110
ADMC-2434-560 □□	56.00 μH	45	2.5	18	5.70	100
ADMC-2434-680 □□	68.00 μH	50	2.5	15	6.70	92
ADMC-2434-820 □□	82.00 μH	50	2.5	14	7.30	88
ADMC-2434-101 □□	100.00 μH	50	2.5	13	8.00	84
ADMC-2434-121 □□	120.00 μH	30	0.79	12	13.00	66
ADMC-2434-151 □□	150.00 μH	30	0.79	11	15.00	61
ADMC-2434-181 □□	180.00 μH	30	0.79	10	17.00	57
ADMC-2434-221 □□	220.00 μH	30	0.79	9	21.00	52
ADMC-2434-271 □□	270.00 μH	30	0.79	8	25.00	47
ADMC-2434-331 □□	330.00 μH	30	0.79	7	28.00	45
ADMC-2434-391 □□	390.00 μH	30	0.79	6.5	35.00	40
ADMC-2434-471 □□	470.00 μH	30	0.79	6	42.00	36
ADMC-2434-561 □□	560.00 μH	30	0.79	5	46.00	35
ADMC-2434-681 □□	680.00 μH	30	0.79	4.2	60.00	30
ADMC-2434-821 □□	820.00 μH	30	0.79	3.8	65.00	29
ADMC-2434-102 □□	1.00 mH	30	0.79	3.4	72.00	28