

Molded Chokes

Axial Led Thru Hole

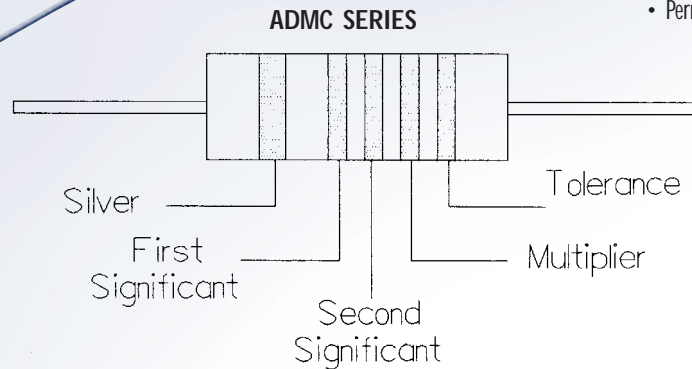
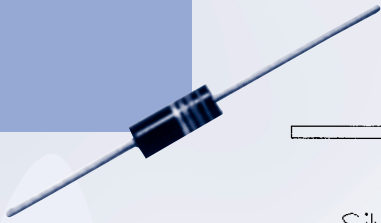
ADMC Series



FEATURES

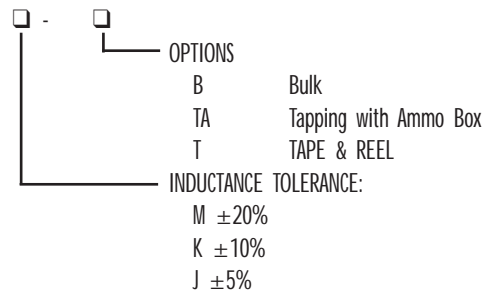
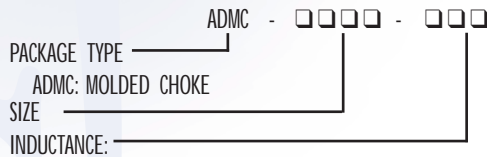
- Low cost.
- High Q and SRF, Low RDC.
- Permanent Color Band.

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

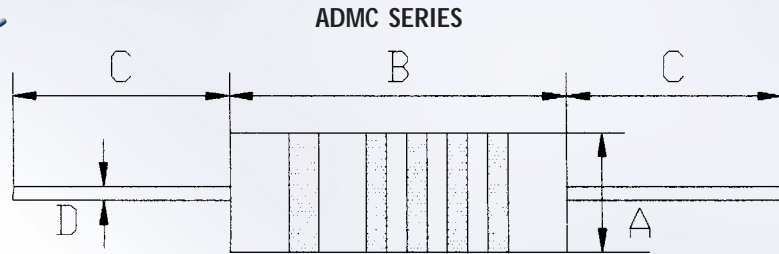


Molded Chokes

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

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND

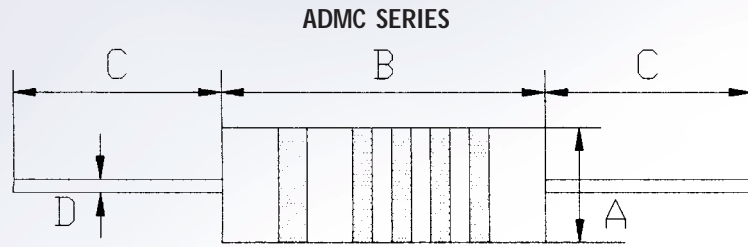
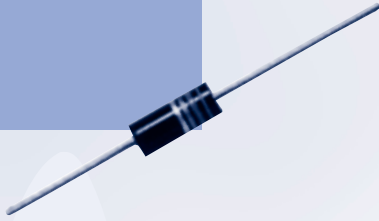
Molded Chokes

Axial Leaded Thru Hole

ADMC-4095 Series



ADMC-4095



PACKAGE TYPE

PACKAGE TYPE	Ø A (mm)	B (mm)	C (mm)	Ø D (mm)
ADMC-4095	3.96 ±0.25	9.53 ±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) min. max.	IDC (mA) min. max.
ADMC-4095-R15 □□	0.15 uH	50	25	525	0.03	2740
ADMC-4095-R22 □□	0.22 uH	50	25	450	0.055	2020
ADMC-4095-R33 □□	0.33 uH	45	25	360	0.09	1580
ADMC-4095-R47 □□	0.47 uH	45	25	310	0.12	1370
ADMC-4095-R56 □□	0.56 uH	50	25	280	0.135	1290
ADMC-4095-R68 □□	0.68 uH	50	25	250	0.15	1220
ADMC-4095-R82 □□	0.82 uH	50	25	220	0.22	1020
ADMC-4095-1R0 □□	1.00 uH	50	25	200	0.29	880
ADMC-4095-1R2 □□	1.20 uH	33	7.9	180	0.42	730
ADMC-4095-1R5 □□	1.50 uH	33	7.9	160	0.50	670
ADMC-4095-1R8 □□	1.80 uH	33	7.9	150	0.65	590
ADMC-4095-2R2 □□	2.20 uH	33	7.9	135	0.95	485
ADMC-4095-2R7 □□	2.70 uH	33	7.9	120	1.20	430
ADMC-4095-3R3 □□	3.30 uH	33	7.9	110	2.00	335
ADMC-4095-3R9 □□	3.90 uH	33	7.9	100	2.30	310
ADMC-4095-4R7 □□	4.70 uH	33	7.9	90	2.60	294
ADMC-4095-5R6 □□	5.60 uH	45	7.9	60	0.32	565
ADMC-4095-6R8 □□	6.80 uH	50	7.9	55	0.50	450
ADMC-4095-8R2 □□	8.20 uH	50	7.9	50	0.60	410
ADMC-4095-100 □□	10.00 uH	55	7.9	45	0.90	335
ADMC-4095-120 □□	12.00 uH	65	2.5	42	1.10	305
ADMC-4095-150 □□	15.00 uH	65	2.5	40	1.40	271
ADMC-4095-180 □□	18.00 uH	75	2.5	34	2.25	213
ADMC-4095-220 □□	22.00 uH	75	2.5	30	2.50	202
ADMC-4095-240 □□	24.00 uH	60	2.5	26	2.50	202
ADMC-4095-270 □□	27.00 uH	60	2.5	25	2.60	198
ADMC-4095-300 □□	30.00 uH	65	2.5	21	2.80	191
ADMC-4095-330 □□	33.00 uH	65	2.5	19	3.00	185
ADMC-4095-360 □□	36.00 uH	60	2.5	15.5	2.50	202
ADMC-4095-390 □□	39.00 uH	60	2.5	14.5	2.60	198
ADMC-4095-430 □□	43.00 uH	60	2.5	13.7	2.70	194
ADMC-4095-470 □□	47.00 uH	55	2.5	13	2.75	193



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Axial Leaded Thru Hole

ADMC-4095 Series — Continued

STANDARD SPECIFICATIONS

ORDERING CODE (L)	INDUCTANCE min.	Q (MHz)	FREQUENCY FREQUENCY (MHz)	SELF-RESONANT (Ω) min.	RDC (mA) max.	IDC max.
ADMC-4095-510 □□	51.00 μ H	55	2.5	12.7	2.85	189
ADMC-4095-560 □□	56.00 μ H	55	2.5	12	3.00	184
ADMC-4095-620 □□	62.00 μ H	55	2.5	11.5	3.15	180
ADMC-4095-680 □□	68.00 μ H	55	2.5	11	3.30	176
ADMC-4095-750 □□	75.00 μ H	55	2.5	10.5	3.70	166
ADMC-4095-820 □□	82.00 μ H	50	2.5	10.3	3.90	162
ADMC-4095-910 □□	91.00 μ H	50	2.5	10	4.30	154
ADMC-4095-101 □□	100.00 μ H	50	2.5	9.5	4.50	151
ADMC-4095-111 □□	110.00 μ H	60	0.79	8.9	4.90	144
ADMC-4095-121 □□	120.00 μ H	65	0.79	8.7	5.20	140
ADMC-4095-131 □□	130.00 μ H	65	0.79	8.5	5.45	137
ADMC-4095-151 □□	150.00 μ H	65	0.79	8	6.05	130
ADMC-4095-161 □□	160.00 μ H	65	0.79	7.5	6.40	126
ADMC-4095-181 □□	180.00 μ H	65	0.79	8	6.05	130
ADMC-4095-201 □□	200.00 μ H	65	0.79	6.5	7.10	123
ADMC-4095-221 □□	220.00 μ H	65	0.79	6.2	7.45	117
ADMC-4095-241 □□	240.00 μ H	65	0.79	5.9	7.80	115
ADMC-4095-271 □□	270.00 μ H	65	0.79	5.7	11.00	143
ADMC-4095-301 □□	300.00 μ H	65	0.79	5.4	11.50	140
ADMC-4095-331 □□	330.00 μ H	65	0.79	5.1	12.00	136
ADMC-4095-361 □□	360.00 μ H	65	0.79	4.8	12.50	134
ADMC-4095-391 □□	390.00 μ H	65	0.79	4.5	16.30	117
ADMC-4095-431 □□	430.00 μ H	65	0.79	4.2	17.10	115
ADMC-4095-471 □□	470.00 μ H	65	0.79	3.9	17.90	112
ADMC-4095-511 □□	510.00 μ H	65	0.79	3.7	18.80	109
ADMC-4095-561 □□	560.00 μ H	65	0.79	3.8	19.50	107
ADMC-4095-621 □□	620.00 μ H	65	0.79	3.3	25.90	93
ADMC-4095-681 □□	680.00 μ H	65	0.79	3.1	27.20	91
ADMC-4095-751 □□	750.00 μ H	65	0.79	2.9	28.60	88
ADMC-4095-821 □□	820.00 μ H	65	0.79	2.7	30.00	86
ADMC-4095-911 □□	910.00 μ H	65	0.79	2.5	31.50	84
ADMC-4095-102 □□	1.00 mH	65	0.79	2.3	33.00	82