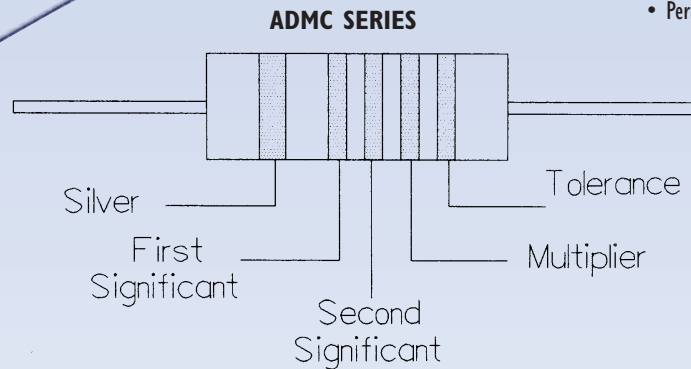
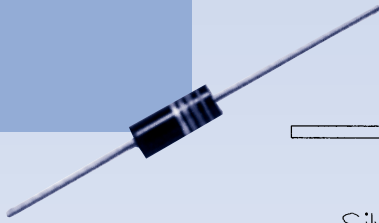


Molded Chokes

Axial Led Thru Hole

ADMC Series

ADMC

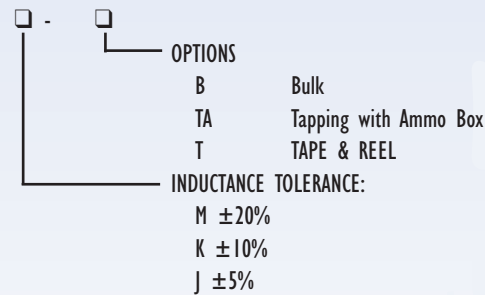
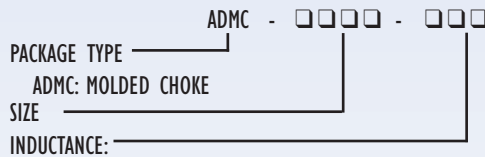


FEATURES

- 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

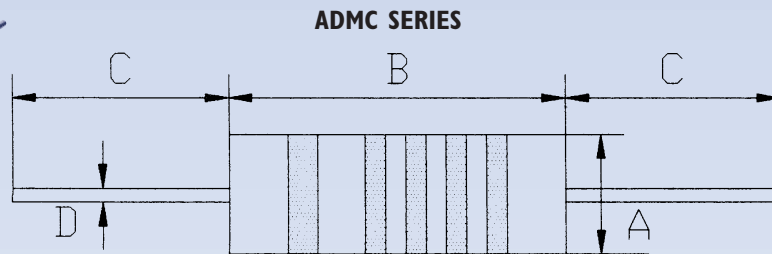
Molded Chokes

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	
	INDUCTANCE	INDUCTANCE	RATED CURRENT	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.)

Molded Chokes

Axial Leaded Thru Hole

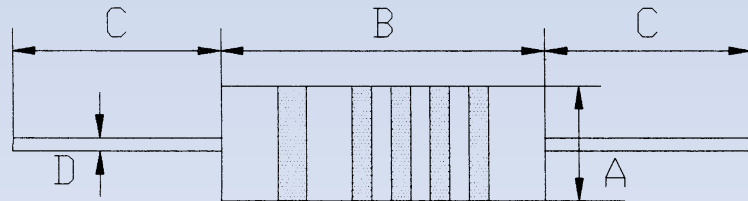
ADMC-4110 Series



ADMC-4110



ADMC SERIES



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

Molded 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) 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

XTAL

OSC

VCXO
VCO

TCXO
VCTCXO

FLTR

RES

IND

INDUCTORS