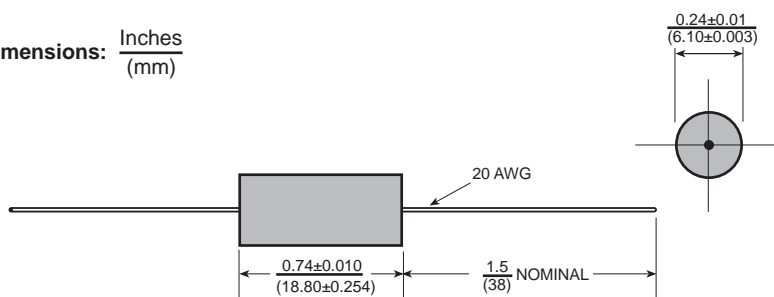




Axial Molded Power Chokes AMPC24



Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μH)	Tolerance (%)	DCR Max. (Ω)	Saturation Current (A)	Rated Current (A)
AMPC24-1R0L-RC	1.0	15	0.009	6.4	6.27
AMPC24-1R2L-RC	1.2	15	0.010	5.8	5.95
AMPC24-1R5L-RC	1.5	15	0.011	5.2	5.67
AMPC24-1R8L-RC	1.8	15	0.012	4.8	5.43
AMPC24-2R2L-RC	2.2	15	0.013	4.3	5.22
AMPC24-2R7L-RC	2.7	15	0.014	3.9	5.03
AMPC24-3R3L-RC	3.3	15	0.016	3.5	4.70
AMPC24-3R9L-RC	3.9	15	0.017	3.2	4.56
AMPC24-4R7L-RC	4.7	15	0.022	2.9	4.01
AMPC24-5R6L-RC	5.6	15	0.024	2.7	3.84
AMPC24-6R8L-RC	6.8	15	0.026	2.5	3.69
AMPC24-8R2L-RC	8.2	15	0.028	2.5	3.55
AMPC24-100L-RC	10	15	0.033	2.0	3.27
AMPC24-120L-RC	12	15	0.037	1.8	3.09
AMPC24-150L-RC	15	15	0.040	1.6	2.97
AMPC24-180L-RC	18	15	0.044	1.5	2.87
AMPC24-220L-RC	22	15	0.050	1.4	2.66
AMPC24-270L-RC	27	15	0.070	1.2	2.25
AMPC24-330L-RC	33	15	0.075	1.1	2.17
AMPC24-390L-RC	39	15	0.084	1.0	2.05
AMPC24-470L-RC	47	15	0.104	0.93	1.84
AMPC24-560L-RC	56	15	0.130	0.85	1.65
AMPC24-680L-RC	68	15	0.145	0.77	1.56
AMPC24-820L-RC	82	15	0.152	0.71	1.53
AMPC24-101L-RC	100	15	0.208	0.64	1.30
AMPC24-121L-RC	120	15	0.283	0.58	1.12
AMPC24-151L-RC	150	15	0.330	0.52	1.04
AMPC24-181L-RC	180	15	0.362	0.48	0.99
AMPC24-221L-RC	220	15	0.505	0.43	0.84
AMPC24-271L-RC	270	15	0.557	0.39	0.80
AMPC24-331L-RC	330	15	0.650	0.35	0.74
AMPC24-391L-RC	390	15	0.770	0.32	0.68
AMPC24-471L-RC	470	15	1.03	0.29	0.59
AMPC24-561L-RC	560	15	1.14	0.27	0.56
AMPC24-681L-RC	680	15	1.15	0.25	0.49
AMPC24-821L-RC	820	15	1.98	0.22	0.42
AMPC24-102L-RC	1000	15	2.30	0.20	0.39
AMPC24-122L-RC	1200	15	2.55	0.18	0.37
AMPC24-152L-RC	1500	15	3.00	0.16	0.34
AMPC24-182L-RC	1800	15	4.00	0.15	0.30
AMPC24-222L-RC	2200	15	4.40	0.14	0.28
AMPC24-272L-RC	2700	15	5.80	0.12	0.25
AMPC24-332L-RC	3300	15	6.56	0.11	0.23
AMPC24-392L-RC	3900	15	8.63	0.10	0.20
AMPC24-472L-RC	4700	15	10.1	0.09	0.19

All specifications subject to change without notice.

Features

- High Current
- Extended Temp Range
- Expanded Inductance Range

Electrical

Testing: Inductance Range: 1.0uH~18000uH

Tolerance: 15% over entire Inductance range. Available in tighter tolerances

Test Frequency for (L) : 1KHz, 1V

Operating Temp: -55°C ~+125°C

Current Rating: Based on a 5% drop in (L) from initial value. Part temperature should not exceed 125°C

Measurements @ 20°C

Test Equipment

(L): HP 4263B LCR Meter

(IDC): CH301 Current Source and DCR Meter

Physical

Packaging: 200 per bag
1000 per Reel

Marking: EIA Inductance Code



Axial Molded Power Chokes **AMPC24**

Allied Part Number	Inductance (μ h)	Tolerance (%)	DCR Max. (Ω)	Saturation Current (A)	Rated Current (A)
AMPC24-562L-RC	5600	15	11.2	0.09	0.18
AMPC24-682L-RC	6800	15	15.0	0.08	0.15
AMPC24-822L-RC	8200	15	20.8	0.07	0.13
AMPC24-103L-RC	10000	15	23.4	0.06	0.12
AMPC24-123L-RC	12000	15	26.0	0.06	0.12
AMPC24-153L-RC	15000	15	36.0	0.05	0.10
AMPC24-183L-RC	18000	15	40.0	0.05	0.09

All specifications subject to change without notice.

Features

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