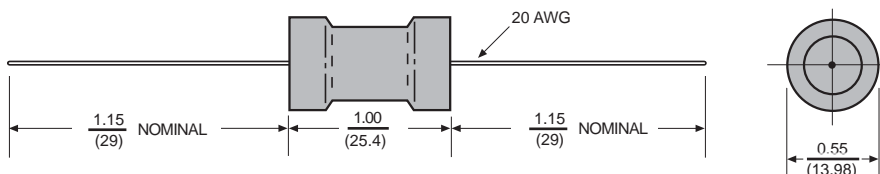




Axial Power Chokes APC40



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



Allied Part Number	Inductance (μh)	Tolerance (%)	DCR Max. (Ω)	Saturation Current (A)	Rated Current (A)
APC40-3R9K-RC	3.9	10	.007	47.0	6.00
APC40-4R7K-RC	4.7	10	.008	42.0	6.00
APC40-5R6K-RC	5.6	10	.009	35.0	6.00
APC40-6R8K-RC	6.8	10	.010	29.0	6.00
APC40-8R2K-RC	8.2	10	.011	24.0	6.00
APC40-100K-RC	10	10	.012	19.0	6.00
APC40-120K-RC	12	10	.013	16.0	6.00
APC40-150K-RC	15	10	.014	14.8	6.00
APC40-180K-RC	18	10	.015	13.4	6.00
APC40-220K-RC	22	10	.016	12.4	6.00
APC40-270K-RC	27	10	.017	11.2	6.00
APC40-330K-RC	33	10	.021	10.2	6.00
APC40-390K-RC	39	10	.023	9.30	6.00
APC40-470K-RC	47	10	.025	8.70	6.00
APC40-560K-RC	56	10	.028	8.00	6.00
APC40-680K-RC	68	10	.039	7.00	4.70
APC40-820K-RC	82	10	.043	6.30	4.70
APC40-101K-RC	100	10	.055	5.70	3.80
APC40-121K-RC	120	10	.076	5.30	3.00
APC40-151K-RC	150	10	.084	4.70	3.00
APC40-181K-RC	180	10	.096	4.30	3.00
APC40-221K-RC	220	10	.108	4.00	3.00
APC40-271K-RC	270	10	.151	3.60	2.30
APC40-331K-RC	330	10	.168	3.20	2.30
APC40-391K-RC	390	10	.182	2.90	2.30
APC40-471K-RC	470	10	.202	2.60	2.30
APC40-561K-RC	560	10	.348	2.40	1.40
APC40-681K-RC	680	10	.470	2.20	1.20
APC40-821K-RC	820	10	.500	2.00	1.20
APC40-102K-RC	1000	10	.570	1.80	1.20
APC40-122K-RC	1200	10	.648	1.70	1.20
APC40-152K-RC	1500	10	.888	1.55	0.90
APC40-182K-RC	1800	10	1.16	1.40	0.75
APC40-222K-RC	2200	10	1.20	1.25	0.75
APC40-272K-RC	2700	10	1.44	1.10	0.75
APC40-332K-RC	3300	10	1.92	1.00	0.59
APC40-392K-RC	3900	10	2.16	0.90	0.59
APC40-472K-RC	4700	10	2.50	0.85	0.59
APC40-562K-RC	5600	10	3.20	0.78	0.45
APC40-682K-RC	6800	10	4.00	0.70	0.45
APC40-822K-RC	8200	10	5.20	0.65	0.35
APC40-103K-RC	10000	10	6.00	0.60	0.35
APC40-123K-RC	12000	10	8.00	0.54	0.27
APC40-153K-RC	15000	10	10.0	0.48	.200
APC40-183K-RC	18000	10	11.0	0.46	.200
APC40-223K-RC	22000	10	13.0	0.39	.200
APC40-273K-RC	27000	10	15.0	0.355	.200
APC40-333K-RC	33000	10	21.0	0.33	.160
APC40-393K-RC	39000	10	23.2	0.30	.160
APC40-473K-RC	47000	10	32.0	0.27	.120
APC40-563K-RC	56000	10	35.0	0.175	.120
APC40-683K-RC	68000	10	48.0	0.145	.095
APC40-823K-RC	82000	10	54.3	0.12	.095
APC40-104K-RC	100000	10	68.5	0.10	.070
APC40-124K-RC	120000	10	75.0	0.08	.070
APC40-154K-RC	150000	10	84.3	0.06	.070

All specifications subject to change without notice.

Features

- Axial pre-tinned leads.
- Protected with UL shrink tubing.
- Non standard values and tolerances available.
- High saturation core material used for high inductance and low DCR.

Electrical

Inductance: Measured at 1KHz with no DC current.

Tolerance: 10% over entire inductance range. Available in tighter tolerances.

Current Rating: Based on Inductance drop of less than 10% of initial value and a temperature rise of not more than 30°C from initial value within the coil body.

Operating Temp: -55°C to + 125°C

Test Procedures: L measured on HP4263B @ 1KHz

Physical

Packaging: 100 pieces per tape and reel. 25 pieces per bag

Marking: EIA Inductance Code. For Tape and Reel packaging please add "-TR" to the part number.