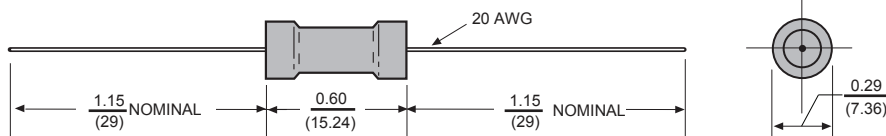


# APC20 Axial Power Chokes



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



## 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 < 10% of Initial value.

**Operating Temp:** -55°C to +125°C

**Test Procedures:** L measured on CH-100 @ 1KHz DCR measured on CH-301.

## Physical

**Packaging:** 200 pieces per bag.

500 pieces per tape & reel

**Marking:** EIA Inductance Code.

For Tape and Reel packaging please add "-TR" to the part number.

Allied Part Number	Inductance (μh)	Tolerance (%)	DCR Max. (Ω)	Saturation Current (A)	Rated Current (A)
APC20-3R9K-RC	3.9	10	0.019	7.30	1.280
APC20-4R7K-RC	4.7	10	0.022	6.30	1.280
APC20-5R6K-RC	5.6	10	0.024	5.60	1.280
APC20-6R8K-RC	6.8	10	0.026	5.30	1.280
APC20-8R2K-RC	8.2	10	0.028	4.50	1.280
APC20-100K-RC	10	10	0.033	4.10	1.280
APC20-120K-RC	12	10	0.037	3.60	1.280
APC20-150K-RC	15	10	0.040	3.30	1.280
APC20-180K-RC	18	10	0.044	3.00	1.280
APC20-220K-RC	22	10	0.050	2.70	1.280
APC20-270K-RC	27	10	0.056	2.50	1.280
APC20-330K-RC	33	10	0.076	2.20	1.008
APC20-390K-RC	39	10	0.094	2.00	0.804
APC20-470K-RC	47	10	0.109	1.80	0.804
APC20-560K-RC	56	10	0.140	1.70	0.804
APC20-680K-RC	68	10	0.131	1.50	0.804
APC20-820K-RC	82	10	0.152	1.40	0.804
APC20-101K-RC	100	10	0.208	1.20	0.632
APC20-121K-RC	120	10	0.283	1.10	0.508
APC20-151K-RC	150	10	0.340	1.00	0.508
APC20-181K-RC	180	10	0.362	0.95	0.508
APC20-221K-RC	220	10	0.430	0.86	0.508
APC20-271K-RC	270	10	0.557	0.77	0.400
APC20-331K-RC	330	10	0.665	0.70	0.400
APC20-391K-RC	390	10	0.772	0.64	0.400
APC20-471K-RC	470	10	1.15	0.59	0.315
APC20-561K-RC	560	10	1.27	0.54	0.315
APC20-681K-RC	680	10	1.61	0.49	0.250
APC20-821K-RC	820	10	1.96	0.44	0.200
APC20-102K-RC	1000	10	2.30	0.40	0.200
APC20-122K-RC	1200	10	2.65	0.35	0.200
APC20-152K-RC	1500	10	3.45	0.33	0.158
APC20-182K-RC	1800	10	4.03	0.29	0.158
APC20-222K-RC	2200	10	4.48	0.27	0.158
APC20-272K-RC	2700	10	5.40	0.24	0.125
APC20-332K-RC	3300	10	6.56	0.22	0.125
APC20-392K-RC	3900	10	8.63	0.20	0.100
APC20-472K-RC	4700	10	9.66	0.18	0.100
APC20-562K-RC	5600	10	13.9	0.166	0.082
APC20-682K-RC	6800	10	16.3	0.151	0.082
APC20-822K-RC	8200	10	20.8	0.136	0.065
APC20-103K-RC	10000	10	26.4	0.125	0.050
APC20-123K-RC	12000	10	29.9	0.110	0.050
APC20-153K-RC	15000	10	42.5	0.098	0.039
APC20-183K-RC	18000	10	48.3	0.091	0.039

All specifications subject to change without notice.