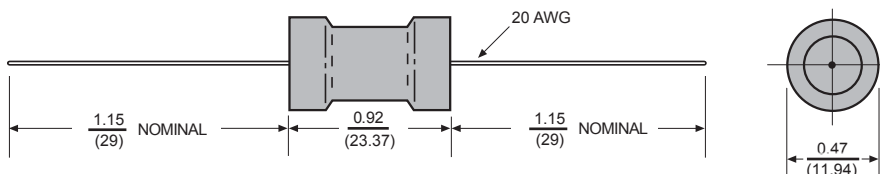




Axial Power Chokes APC30



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



Allied Part Number	Inductance (μH)	Tolerance (%)	DCR Max. (Ω)	Saturation Current (A)	Rated Current (A)
APC30-3R9K-RC	3.9	10	.007	15.5	4.00
APC30-4R7K-RC	4.7	10	.008	13.9	4.00
APC30-5R6K-RC	5.6	10	.011	12.6	4.00
APC30-6R8K-RC	6.8	10	.011	11.6	4.00
APC30-8R2K-RC	8.2	10	.013	9.89	4.00
APC30-100K-RC	10	10	.017	8.70	4.00
APC30-120K-RC	12	10	.019	8.21	4.00
APC30-150K-RC	15	10	.022	7.34	4.00
APC30-180K-RC	18	10	.023	6.64	4.00
APC30-220K-RC	22	10	.026	6.07	4.00
APC30-270K-RC	27	10	.027	5.36	4.00
APC30-330K-RC	33	10	.032	4.82	4.00
APC30-390K-RC	39	10	.033	4.36	4.00
APC30-470K-RC	47	10	.035	3.98	4.00
APC30-560K-RC	56	10	.037	3.66	3.20
APC30-680K-RC	68	10	.047	3.31	2.50
APC30-820K-RC	82	10	.060	3.10	2.00
APC30-101K-RC	100	10	.090	2.79	1.60
APC30-121K-RC	120	10	.113	2.54	1.60
APC30-151K-RC	150	10	.129	2.22	1.60
APC30-181K-RC	180	10	.150	1.98	1.60
APC30-221K-RC	220	10	.162	1.89	1.60
APC30-271K-RC	270	10	.202	1.63	1.60
APC30-331K-RC	330	10	.212	1.51	1.60
APC30-391K-RC	390	10	.281	1.39	1.60
APC30-471K-RC	470	10	.380	1.24	1.20
APC30-561K-RC	560	10	.420	1.17	1.00
APC30-681K-RC	680	10	.548	1.05	1.00
APC30-821K-RC	820	10	.665	0.97	0.80
APC30-102K-RC	1000	10	.884	0.87	0.80
APC30-122K-RC	1200	10	1.04	0.79	0.60
APC30-152K-RC	1500	10	1.18	0.70	0.60
APC30-182K-RC	1800	10	1.56	0.64	0.60
APC30-222K-RC	2200	10	2.00	0.58	0.50
APC30-272K-RC	2700	10	2.06	0.53	0.40
APC30-332K-RC	3300	10	2.63	0.47	0.40
APC30-392K-RC	3900	10	2.75	0.43	0.40
APC30-472K-RC	4700	10	3.19	0.39	0.40
APC30-562K-RC	5600	10	3.92	.359	.315
APC30-682K-RC	6800	10	5.69	.322	.250
APC30-822K-RC	8200	10	6.32	.293	.250
APC30-103K-RC	10000	10	7.30	.266	.250
APC30-123K-RC	12000	10	9.99	.257	.160
APC30-153K-RC	15000	10	11.2	.230	.160
APC30-183K-RC	18000	10	15.2	.210	.130
APC30-223K-RC	22000	10	16.8	.190	.130
APC30-273K-RC	27000	10	18.6	.171	.130
APC30-333K-RC	33000	10	26.7	.155	.100
APC30-393K-RC	39000	10	29.0	.143	.100
APC30-473K-RC	47000	10	31.8	.131	.100
APC30-563K-RC	56000	10	42.6	.119	.083
APC30-683K-RC	68000	10	46.9	.108	.083
APC30-823K-RC	82000	10	64.9	.098	.067
APC30-104K-RC	100000	10	71.7	.089	.067

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 < 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 tape and reel. 50 pieces per bag

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