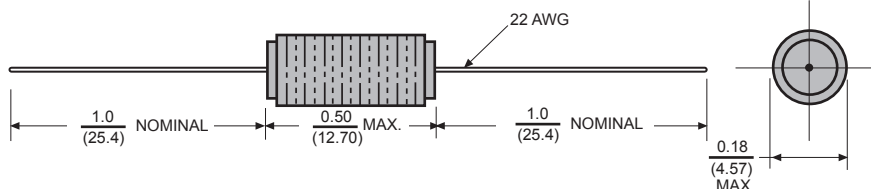


AHC30 Axial High Current Chokes



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



Features

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

Electrical

Inductance: Measured with HP4284A at specified frequency.

Rated Current: Based on $\Delta T=40^{\circ}\text{C}$.

Tolerance: 20% from .15uH to 1.0uH
10% from 1.2uH to 56uH.

Physical

Marking (on Part): UL tubing marked with EIA code. Varnish parts not marked.

Marking (on Reel): Manufactures Name, Part Number, Customers Part Number, Invoice Number, Lot or Date Code.

Packaging: 100 pieces per tray.

Allied Part Number	Inductance (μH)	Tolerance (%)	Q Min.	Test Freq. (MHz)	SRF Min. (MHz)	DCR Max. (Ω)	Rated Current (mA)
AHC30-R15M-RC	0.15	20	70	25.2	480	0.018	1850
AHC30-R18M-RC	0.18	20	70	25.2	450	0.022	1800
AHC30-R22M-RC	0.22	20	70	25.2	400	0.025	1740
AHC30-R27M-RC	0.27	20	70	25.2	380	0.029	1680
AHC30-R33M-RC	0.33	20	70	25.2	300	0.032	1610
AHC30-R39M-RC	0.39	20	70	25.2	280	0.035	1540
AHC30-R47M-RC	0.47	20	70	25.2	260	0.039	1430
AHC30-R56M-RC	0.56	20	70	25.2	210	0.049	1320
AHC30-R68M-RC	0.68	20	70	25.2	190	0.078	1200
AHC30-R82M-RC	0.82	20	70	25.2	180	0.090	1130
AHC30-1R0M-RC	1.0	20	70	25.2	165	0.105	1020
AHC30-1R2K-RC	1.2	10	55	7.96	150	0.063	1580
AHC30-1R5K-RC	1.5	10	55	7.96	135	0.071	1500
AHC30-1R8K-RC	1.8	10	55	7.96	125	0.078	1450
AHC30-2R2K-RC	2.2	10	55	7.96	115	0.088	1380
AHC30-2R7K-RC	2.7	10	55	7.96	105	0.098	1320
AHC30-3R3K-RC	3.3	10	60	7.96	90	0.205	870
AHC30-3R9K-RC	3.9	10	60	7.96	85	0.225	840
AHC30-4R7K-RC	4.7	10	60	7.96	80	0.250	800
AHC30-5R6K-RC	5.6	10	60	7.96	70	0.280	750
AHC30-6R8K-RC	6.8	10	60	7.96	65	0.310	710
AHC30-8R2K-RC	8.2	10	55	7.96	60	0.350	680
AHC30-100K-RC	10	10	55	7.96	55	0.390	640
AHC30-120K-RC	12	10	65	2.52	45	0.670	450
AHC30-150K-RC	15	10	65	2.52	40	0.760	430
AHC30-180K-RC	18	10	70	2.52	36	0.850	410
AHC30-220K-RC	22	10	70	2.52	33	0.960	390
AHC30-270K-RC	27	10	70	2.52	31	1.100	360
AHC30-330K-RC	33	10	65	2.52	29	1.240	345
AHC30-390K-RC	39	10	65	2.52	26	1.370	330
AHC30-470K-RC	47	10	60	2.52	23	1.650	315
AHC30-560K-RC	56	10	55	2.52	20	1.950	300

All specifications subject to change without notice.