



AIRD04A SERIES

Radial Leaded Power Line Choke

FEATURES

- High Saturation Material
- Polyolefin Shrink Tube
- Low DC Resistance
- High Rel, Low Cost

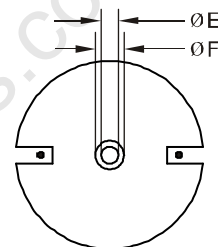
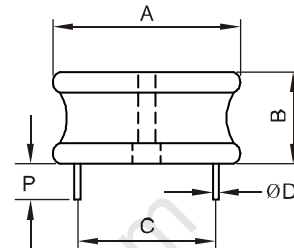
OPTIONS

- Packaging: T&R Standart 1Kpcs
- Tolerance: 10% is standard
- Lower tolerances available.

APPLICATIONS

- Switching Regulator
- RFI Suppression Filters
- SCR & TRIAC Controllers
- Automotive
- Power Amplifier
- Power Supply
- Filters

Part Number	L μ H @1KHz	DCR Ohm max.	IDC A max.	Dim (Inches/mm) C Appr.	Dim (Inches/mm) D nom.
AIRDO4A-2R2M	2.2	0.0028	28.2	1.10/27.94	0.094/2.3876
AIRDO4A-3R9M	3.9	0.0037	27.2	1.10/27.94	0.094/2.3876
AIRDO4A-4R7M	4.7	0.004	25.7	1.10/27.94	0.094/2.3876
AIRDO4A-6R8M	6.8	0.0048	23.7	1.10/27.94	0.094/2.3876
AIRDO4A-8R2M	8.2	0.0055	22	1.16/29.46	0.094/2.3876
AIRDO4A-120K	12	0.0067	20.7	1.16/29.46	0.084/2.1336
AIRDO4A-150K	15	0.007	20.5	1.16/29.46	0.084/2.1336
AIRDO4A-180K	18	0.0094	20.5	1.16/29.46	0.084/2.1336
AIRDO4A-220K	22	0.0103	20.4	1.18/29.97	0.084/2.1336
AIRDO4A-270K	27	0.0121	18.9	1.18/29.97	0.084/2.1336
AIRDO4A-330K	33	0.0163	14	1.17/29.72	0.068/1.7272
AIRDO4A-390K	39	0.0173	13.6	1.17/29.72	0.068/1.7272
AIRDO4A-470K	47	0.0196	12.8	1.17/29.72	0.068/1.7272
AIRDO4A-560K	56	0.0208	12.4	1.18/29.97	0.068/1.7272
AIRDO4A-680K	68	0.0292	10.7	1.17/29.72	0.060/1.5240
AIRDO4A-820K	82	0.0319	10.2	1.18/29.97	0.060/1.5240
AIRDO4A-101K	100	0.0348	9.8	1.18/29.97	0.060/1.5240
AIRDO4A-121K	120	0.048	8.3	1.18/29.97	0.048/1.2192
AIRDO4A-151K	150	0.053	7.9	1.18/29.97	0.048/1.219
AIRDO4A-181K	180	0.0743	6.4	1.18/29.97	0.048/1.219
AIRDO4A-221K	220	0.0833	6	1.19/30.23	0.043/1.092
AIRDO4A-271K	270	0.094	5.7	1.19/30.23	0.043/1.092
AIRDO4A-331K	330	0.127	4.8	1.12/28.48	0.039/0.991
AIRDO4A-391K	390	0.138	4.6	1.12/28.48	0.039/0.991
AIRDO4A-471K	470	0.184	4.1	1.12/28.48	0.039/0.991
AIRDO4A-561K	560	0.203	3.9	1.12/28.48	0.033/0.838
AIRDO4A-681K	680	0.279	3.2	1.12/28.48	0.033/0.838
AIRDO4A-821K	820	0.314	3.1	1.12/28.48	0.033/0.838
AIRDO4A-102K	1000	0.348	2.9	1.14/28.96	0.031/0.787
AIRDO4A-122K	1200	0.494	2.4	1.15/29.21	0.031/0.787
AIRDO4A-152K	1500	0.548	2.3	1.14/28.96	0.031/0.787
AIRDO4A-182K	1800	0.732	1.95	1.14/28.96	0.028/0.711
AIRDO4A-222K	2200	0.809	1.8	1.12/28.45	0.028/0.711
AIRDO4A-272K	2700	1.12	1.53	1.13/28.70	0.025/0.635
AIRDO4A-332K	3300	1.82	1.46	1.13/28.70	0.025/0.635
AIRDO4A-392K	3900	1.38	1.4	1.13/28.70	0.025/0.635



DIMENSIONS: inches/mm

A	B	P(min)	ØE	ØF
1.60/40.64	0.68/17.27	0.50/12.70	0.25/6.35	0.29/7.366



The AIRD-05,06,07,08,04A,06A,08A Series of Power Line Choke is available in 367 standard values covering a wide range of inductance and current. The use of high saturation flux density material make these coils ideal for use in switching regulated power supply applications and wherever high current choke values in a small physical size are needed.

- Inductance Testing: HP4284A, HP4285A or equivalent
- RDC: QuadTech 1880 Milliohm meter
- Rated Current: L value drop 10% typ. at I_r against its initial value
- Temperature rise 40°C Max Reference ambient temperature
- Solderability: 75% of the lead wire shall be covered
- Soldering Methods: Wave, Reflow
- Operating Temperature: -25°C to +85°C
- Storage Temperature: -65°C to +125°C
- Terminal bending strength: 24.5N Min
- Moisture resistance: $\Delta L/L \leq \pm 10\%$