

# Molded Power Line Chokes

Axial Leaded Thru Hole

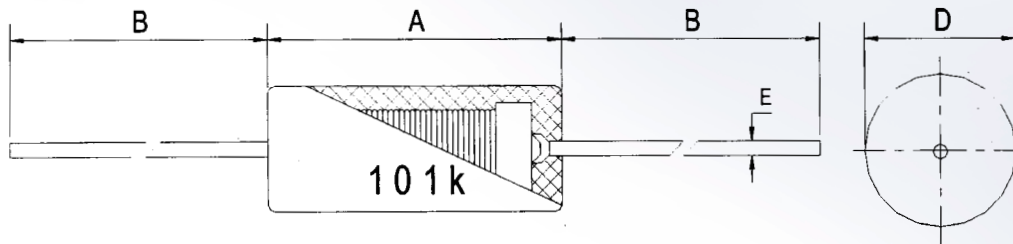
ADAM-01/02 Series

ADAM-01/02

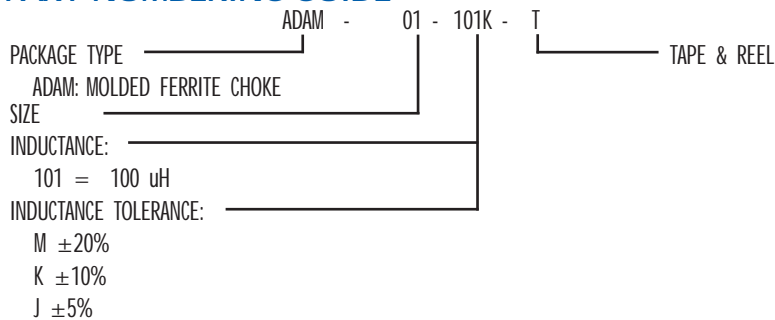


## FEATURES

- Axial leaded molded inductors.
- Size is uniform.
- High reliability.
- Core is ferrite.
- High saturation current.
- Inductance value is marked.
- Standard tape and reel packaging.
- Ideal for automatic insertion.
- Applications: TVs and Audio equipment, Telecommunication devices, Electronic Control Boards, RF Filters, and other noise filters.



## PART NUMBERING GUIDE



## BENEFITS

Inductance Range:  
Saturation Current:  
Operating Temperature:  
Terminal Strength:  
Test Equipment:

1.0 uH to 18000 uH.  
Lower inductance about 10%.  
-40°C to 105°C.  
2.27 Kg min.  
L: LCR meter @ 1 KHz  
DCR: Milli-ohm meter

## STANDARD SPECIFICATIONS

PACKAGE TYPE	(A)	(B)	(D)	(E)
ADAM-01	16.4 ±0.5	38.0 ±3.0	6.9 ±0.2	0.80 ±0.05
ADAM-02	14.5 ±0.4	31.75 min.	6.5 ±0.2	0.80 ±0.05

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Axial Leaded Thru Hole

ADAM-01/02 Series — Continued



## STANDARD SPECIFICATIONS

ORDERING CODE	INDUCTANCE @ 1 KHZ ( $\mu$ H)	DC RESISTANCE ( $\Omega$ )	SATURATION RATED CURRENT (Amp)	SUGGESTED RATED CURRENT (Amp)
ADAM-01-3R9□ T	3.9	0.019	7.3	1.28
ADAM-01-4R7□ T	4.7	0.022	6.3	1.28
ADAM-01-5R6□ T	5.6	0.024	5.6	1.28
ADAM-01-6R8□ T	6.8	0.026	5.3	1.28
ADAM-01-8R2□ T	8.2	0.028	4.5	1.28
ADAM-01-10□ T	10	0.033	4.1	1.28
ADAM-01-12□ T	12	0.037	3.6	1.28
ADAM-01-15□ T	15	0.040	3.3	1.28
ADAM-01-18□ T	18	0.044	3.0	1.28
ADAM-01-22□ T	22	0.050	2.7	1.28
ADAM-01-27□ T	27	0.058	2.5	1.28
ADAM-01-33□ T	33	0.075	2.2	1.008
ADAM-01-39□ T	39	0.094	2.0	0.804
ADAM-01-47□ T	47	0.109	1.8	0.804
ADAM-01-56□ T	56	0.140	1.7	0.804
ADAM-01-68□ T	68	0.145	1.5	0.804
ADAM-01-82□ T	82	0.152	1.4	0.804
ADAM-01-101□ T	100	0.208	1.2	0.632
ADAM-01-121□ T	120	0.283	1.1	0.508
ADAM-01-151□ T	150	0.340	1.0	0.508
ADAM-01-181□ T	180	0.362	0.95	0.508
ADAM-01-221□ T	220	0.430	0.86	0.508
ADAM-01-271□ T	270	0.557	0.77	0.400
ADAM-01-331□ T	330	0.665	0.70	0.400
ADAM-01-391□ T	390	0.772	0.64	0.400
ADAM-01-471□ T	470	1.15	0.59	0.315
ADAM-01-561□ T	560	1.27	0.54	0.315
ADAM-01-681□ T	680	1.61	0.49	0.250
ADAM-01-821□ T	820	1.96	0.44	0.200
ADAM-01-102□ T	1000	2.30	0.40	0.200
ADAM-01-122□ T	1200	2.65	0.35	0.200
ADAM-01-152□ T	1500	3.45	0.33	0.158
ADAM-01-182□ T	1800	4.03	0.29	0.158
ADAM-01-222□ T	2200	4.48	0.27	0.158
ADAM-01-272□ T	2700	5.90	0.24	0.125
ADAM-01-332□ T	3300	6.56	0.22	0.125
ADAM-01-392□ T	3900	8.63	0.20	0.100
ADAM-01-472□ T	4700	10.5	0.18	0.100
ADAM-01-562□ T	5600	13.9	0.166	0.082
ADAM-01-682□ T	6800	16.3	0.151	0.082
ADAM-01-822□ T	8200	20.8	0.136	0.065
ADAM-01-103□ T	10000	26.4	0.125	0.050
ADAM-01-123□ T	12000	29.9	0.114	0.050
ADAM-01-153□ T	15000	42.5	0.098	0.039
ADAM-01-183□ T	18000	48.3	0.091	0.039

Inductance Tolerance: □ M±20%, K±10%, J±5%