

THROUGH-HOLE AXIAL MOLDED POWER CHOKES

AIAP-M SERIES

FEATURES:

- Molded construction
- Wire-wound design
- Excellent heat resistance
- Excellent environmental characteristics
- High reliability
- High inductance and Low RDC ratios

OPTIONS:

- Packaging: Bulk is standard
Tape and reel available
(Qty: 1500 pcs)
- Tolerance: 10% is standard,
tighter tolerances available

COMMON APPLICATIONS:

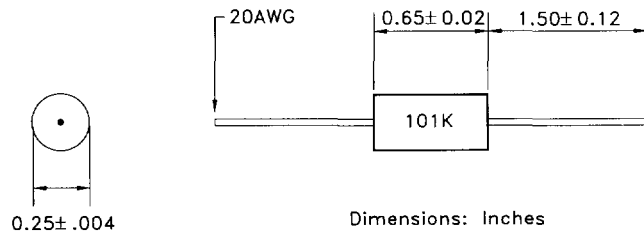
- Power Supplies
- Amplifiers
- Oscilloscopes
- Medical Equipment
- Converters
- Analyzers

ELECTRICAL CHARACTERISTICS:

Part Number	L μ H	Tol %	RDC Max Ω	IDC Max Amps	Rated AC Amps	Part Number	L μ H	Tol %	RDC Max Ω	IDC Max Amps	Rated AC Amps
AIAP-M-3R9K	3.9	± 10	.019	7.3	1.28	AIAP-M-331K	330	± 10	.665	.70	.400
AIAP-M-4R7K	4.7	± 10	.022	6.3	1.28	AIAP-M-391K	390	± 10	.772	.64	.400
AIAP-M-5R6K	5.6	± 10	.024	5.6	1.28	AIAP-M-471K	470	± 10	1.15	.59	.315
AIAP-M-6R8K	6.8	± 10	.026	5.3	1.28	AIAP-M-561K	560	± 10	1.27	.54	.315
AIAP-M-8R2K	8.2	± 10	.028	4.5	1.28	AIAP-M-681K	680	± 10	1.61	.49	.250
AIAP-M-100K	10	± 10	.033	4.1	1.28	AIAP-M-821K	820	± 10	1.96	.44	.200
AIAP-M-120K	12	± 10	.037	3.6	1.28	AIAP-M-102K	1000	± 10	2.30	.40	.200
AIAP-M-150K	15	± 10	.040	3.3	1.28	AIAP-M-122K	1200	± 10	2.65	.35	.200
AIAP-M-180K	18	± 10	.044	3.0	1.28	AIAP-M-152K	1500	± 10	3.45	.33	.158
AIAP-M-220K	22	± 10	.050	2.7	1.28	AIAP-M-182K	1800	± 10	4.03	.29	.158
AIAP-M-270K	27	± 10	.056	2.5	1.28	AIAP-M-222K	2200	± 10	4.48	.27	.158
AIAP-M-330K	33	± 10	.076	2.2	1.09	AIAP-M-272K	2700	± 10	5.40	.24	.125
AIAP-M-390K	39	± 10	.094	2.0	.804	AIAP-M-332K	3300	± 10	6.56	.22	.125
AIAP-M-470K	47	± 10	.109	1.8	.804	AIAP-M-392K	3900	± 10	8.63	.20	.100
AIAP-M-560K	56	± 10	.140	1.7	.804	AIAP-M-472K	4700	± 10	9.66	.18	.100
AIAP-M-680K	68	± 10	.131	1.5	.804	AIAP-M-562K	5600	± 10	13.9	.166	.082
AIAP-M-820K	82	± 10	.152	1.4	.804	AIAP-M-682K	6800	± 10	16.3	.151	.082
AIAP-M-101K	100	± 10	.208	1.2	.632	AIAP-M-822K	8200	± 10	20.8	.136	.065
AIAP-M-121K	120	± 10	.283	1.1	.508	AIAP-M-103K	10000	± 10	26.4	.125	.050
AIAP-M-151K	150	± 10	.340	1.0	.508	AIAP-M-123K	12000	± 10	29.9	.114	.050
AIAP-M-181K	180	± 10	.362	.95	.508	AIAP-M-153K	15000	± 10	42.5	.098	.039
AIAP-M-221K	220	± 10	.430	.86	.508	AIAP-M-183K	18000	± 10	48.3	.091	.039
AIAP-M-271K	270	± 10	.557	.77	.400						

TECHNICAL INFORMATION: PHYSICAL CHARACTERISTICS:

- Testing: LCR Bridge measured @ 1KHz (Equivalent acceptable)
- Saturation Current: Lowers inductance by 10%
- Flammability: UL94V2
- Operating temperature: -40°C to +140°C
- Storage temperature: -40°C to +105°C
- Marking: Inductance and Tolerance



Note: All specifications subject to change without notice.

