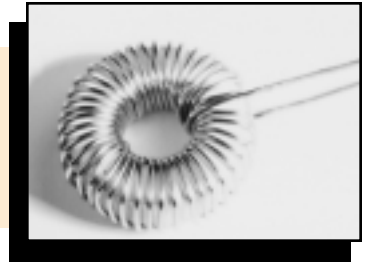


VERTICAL / HORIZONTAL TOROIDAL COILS AIMT-01



FEATURES:

- High Saturation Material
- Wide Inductance Range
- High Current Capability
- Long Term Stability
- High Reliability
- Low DC Resistance

OPTIONS:

- Bulk Packaging is Standard
- Tolerance: 20% is Standard
Tighter Tolerances Available
- Mounting: (V)ertical is Standard,
(H)orizontal Available
- Inductance: Optional Values Available
- Filters

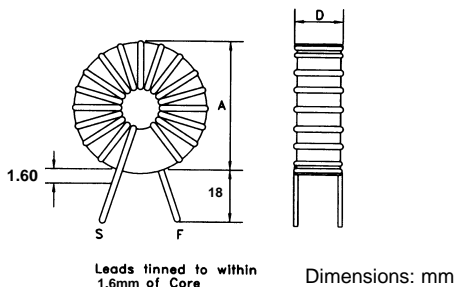
COMMON APPLICATIONS:

- Switching Regulators
- Automotive Systems
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- Speaker Crossover Networks
- EMI/RFI Suppression

STANDARD SPECIFICATIONS

Part Number	L μH 0 Amps	L μH Typical	IDC Max A	RDC Ω Max	Dim Max A x D	Part Number	L μH Typical	L μH 0 Amps	IDC Max A	RDC Ω Max	Dim Max A x D
AIMT-01						AIMT-01					
AIMT-01-5.0-.50(V)	5.0	4.9	.50	.007	7.5 x 4.5	AIMT-01-110-2.0(V)	110.0	79.0	2.0	.069	19.5x10.0
AIMT-01-8.2-2.0(V)	8.2	7.2	2.0	.017	14.5x7.0	AIMT-01-110-2.0(V)	110.0	90.0	2.0	.074	25.0x10.0
AIMT-01-10.0-2.0(V)	10.0	7.7	2.0	13.0	12.0x7.0	AIMT-01-110-4.0(V)	110.0	56.0	4.0	.042	23.5x11.0
AIMT-01-15.0-2.0(V)	15.0	12.6	2.0	.023	15.5x7.5	AIMT-01-130-1.0(V)	130.0	116.0	1.0	.146	19.0x9.0
AIMT-01-20.0-3.0(V)	20.0	15.0	3.0	.021	17.5x9.0	AIMT-01-130-3.0(V)	130.0	77.0	3.0	.055	23.0x10.5
AIMT-01-24.0-1.0(V)	24.0	22.0	1.0	.055	13.5x6.0	AIMT-01-130-3.0(V)	130.0	96.0	3.0	.061	29.0x13.0
AIMT-01-25.0-5.0(V)	25.0	18.0	5.0	.016	24.0x10.5	AIMT-01-130-7.0(V)	130.0	79.0	7.0	.031	41.0x18.0
AIMT-01-29.0-4.0(V)	29.0	20.0	4.0	.020	21.0x11.0	AIMT-01-140-1.0(V)	140.0	104.0	1.0	.140	15.0x7.5
AIMT-01-30.0-2.0(V)	30.0	25.0	2.0	.035	17.0x8.5	AIMT-01-140-3.0(V)	140.0	98.0	3.0	.064	28.0x14.5
AIMT-01-30.0-10.0(V)	30.0	21.0	10.0	.009	36.0x19.5	AIMT-01-150-1.0(V)	150.0	137.0	1.0	.159	21.5x7.5
AIMT-01-35.0-3.0(V)	35.0	28.0	3.0	.026	20.5x10.5	AIMT-01-150-4.0(V)	150.0	110.0	4.0	.053	32.5x16.5
AIMT-01-35.0-10.0(V)	35.0	25.0	10.0	.010	36.0x19.5	AIMT-01-150-5.0(V)	150.0	68.0	5.0	.042	27.0x13.5
AIMT-01-43.0-1.0(V)	43.0	37.0	1.0	.074	14.5x7.0	AIMT-01-200-2.0(V)	200.0	154.0	2.0	.114	28.0x14.0
AIMT-01-43.0-3.0(V)	43.0	30.0	3.0	.030	23.0x9.5	AIMT-01-200-3.0(V)	200.0	157.0	3.0	.078	31.0x16.0
AIMT-01-50.0-5.0(V)	50.0	33.0	5.0	.022	26.5x12.5	AIMT-01-200-5.0(V)	200.0	134.0	5.0	.056	39.0x17.0
AIMT-01-60.0-3.0(V)	60.0	35.0	3.0	.038	18.0x10.0	AIMT-01-220-1.0(V)	220.0	162.0	1.0	.190	16.5x8.0
AIMT-01-68.0-1.0(V)	68.0	53.0	1.0	.095	13.5x6.5	AIMT-01-220-4.0(V)	220.0	105.0	4.0	.059	26.5x13.0
AIMT-01-68.0-7.0(V)	68.0	46.0	7.0	.021	34.0x18.0	AIMT-01-250-10.0(V)	250.0	105.0	10.0	.027	42.5x21.5
AIMT-01-75.0-3.0(V)	75.0	54.0	3.0	.039	25.5x11.0	AIMT-01-270-3.0(V)	270.0	140.0	3.0	.081	26.0x12.0
AIMT-01-75.0-10.0(V)	75.0	43.0	10.0	.014	42.0x19.5	AIMT-01-300-2.0(V)	300.0	250.0	2.0	.142	31.5x15.5
AIMT-01-82.0-3.0(V)	82.0	60.0	3.0	.042	24.5x10.5	AIMT-01-300-5.0(V)	300.0	120.0	5.0	.064	30.0x15.5
AIMT-01-82.0-5.0(V)	82.0	52.0	5.0	.033	31.5x15.5	AIMT-01-390-4.0(V)	390.0	165.0	4.0	.088	29.5x15.0
AIMT-01-82.0-7.0(V)	82.0	53.0	7.0	.023	34.5x18.0	AIMT-01-450-2.0(V)	450.0	280.0	2.0	.174	28.0x14.0
AIMT-01-90.0-3.0(V)	90.0	52.5	3.0	.044	20.5x12.5	AIMT-01-500-3.0(V)	500.0	242.0	3.0	.124	29.0x14.0
AIMT-01-90.0-5.0(V)	90.0	54.0	5.0	.034	29.5x15.5	AIMT-01-680-5.0(V)	680.0	295.0	5.0	.105	39.0x18.5
AIMT-01-100-2.5(V)	100.0	63.0	2.0	.081	17.0x9.0	AIMT-01-780-2.0(V)	780.0	428.0	2.0	.225	28.5x13.5
AIMT-01-100-5.0(V)	100.0	53.0	5.0	.033	26.5x12.5	AIMT-01-850-2.0(V)	850.0	567.0	2.0	.211	32.5x16.5
AIMT-01-100-5.0(V)	100.0	75.0	5.0	.036	33.5x17.0	AIMT-01-960-1.0(V)	960.0	625.0	1.0	.438	25.0x11.0

PHYSICAL CHARACTERISTICS



TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable)
Inductance: Measured at 1KHz on universal bridge
RDC: QuadTech 1880 Milliohm meter
- IDC Max: Lowers inductance by 10%
- Temperature range: -55°C to +125°C
- Mounting: Add (V), (H) as Suffix to Part Number

Note: All specifications subject to change without notice.

**ABRACON IS
ISO 9001 / QS 9000
CERTIFIED**

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