

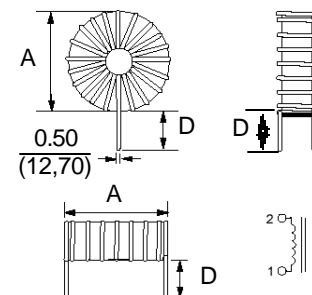
# TOROIDAL POWER INDUCTORS

## AIMT-01 SERIES WITH OPTIONAL MOUNTING

### STANDARD SPECIFICATIONS

Part Number <sup>5</sup> AIMT-01-	L <sup>1,2</sup> μH	I <sub>DC</sub> <sup>4</sup> A (MAX)	DCR Ω (MAX)	Phy. Char		Part Number <sup>5</sup> AIMT-01-	L <sup>1,2</sup> μH	I <sub>DC</sub> <sup>4</sup> A (MAX)	DCR Ω (MAX)	Phy. Char	
				A	D					A	D
5.0-5	5.0	0.50	0.007	0.30(7.5)	0.18(4.5)	110-2	110	2.0	0.069	0.77(19.5)	0.40(10.0)
8.2-2	8.2	2.0	0.017	0.57(14.5)	0.28(7.0)	110-2	110	2.0	0.074	1.00(25.0)	0.40(10.0)
10.0-2	10	2.0	0.013	0.48(12.0)	0.28(7.0)	110-4	110	4.0	0.042	0.93(23.5)	0.44(11.0)
15.0-2	15	2.0	0.023	0.61(15.5)	0.30(7.5)	130-1	130	1.0	0.146	0.75(19.0)	0.35(9.0)
20.0-3	20	3.0	0.021	0.69(17.5)	0.35(9.0)	130-3	130	3.0	0.055	0.91(23.0)	0.41(10.5)
24.0-1	24	1.0	0.055	0.54(13.5)	0.24(6.0)	130-3	130	3.0	0.061	1.14(29.0)	0.51(13.0)
25.0-5	25	5.0	0.016	0.95(24.0)	0.41(10.5)	130-7	130	7.0	0.031	1.62(41.0)	0.67(17.0)
29.0-4	29	4.0	0.020	0.83(21.0)	0.44(11.0)	140-1	140	1.0	0.140	0.60(15.0)	0.30(7.5)
30.0-2	30	2.0	0.035	0.67(17.0)	0.34(8.5)	140-3	140	3.0	0.064	1.10(28.0)	0.57(14.5)
30.0-10	30	10	0.009	1.42(36.0)	0.77(19.5)	150-1	150	1.0	0.159	0.85(21.5)	0.30(7.5)
35.0-3	35	3.0	0.026	0.81(20.5)	0.41(10.5)	150-4	150	4.0	0.053	1.28(32.5)	0.65(16.5)
35.0-10	35	10	0.010	1.42(36.0)	0.77(19.5)	150-5	150	5.0	0.042	1.06(27.0)	0.54(13.5)
43.0-1	43	1.0	0.074	0.57(14.5)	0.28(7.0)	200-2	200	2.0	0.114	1.10(28.0)	0.55(14.0)
43.0-3	43	3.0	0.030	0.91(23.0)	0.38(9.5)	200-3	200	3.0	0.078	1.22(31.0)	0.63(16.0)
50.0-5	50	5.0	0.022	1.05(26.5)	0.50(12.5)	200-5	200	5.0	0.056	1.54(39.0)	0.67(17.0)
60.0-3	60	3.0	0.038	0.71(18.0)	0.40(10.0)	220-1	220	1.0	0.190	0.65(16.5)	0.32(8.0)
68.0-1	68	1.0	0.095	0.54(13.5)	0.26(6.5)	220-4	220	4.0	0.059	1.04(26.5)	0.52(13.0)
68.0-7	68	7.0	0.021	1.34(34.0)	0.71(18.0)	250-10	150	10	0.027	1.67(42.5)	0.85(21.5)
75.0-3	75	3.0	0.039	1.00(25.5)	0.44(11.0)	270-3	270	3.0	0.081	1.02(26.0)	0.50(12.0)
75.0-10	75	10	0.014	1.66(42.0)	0.77(19.5)	300-2	300	2.0	0.142	1.24(31.5)	0.61(15.5)
82.0-3	82	3.0	0.042	0.97(24.5)	0.41(10.5)	300-5	300	5.0	0.064	1.18(30.0)	0.61(15.5)
82.0-5	82	5.0	0.033	1.24(31.5)	0.61(15.5)	390-4	390	4.0	0.088	1.16(29.5)	0.60(15.0)
82.0-7	82	7.0	0.023	1.36(34.5)	0.71(18.0)	450-2	450	2.0	0.174	1.12(28.0)	0.55(14.0)
90.0-3	90	3.0	0.044	0.81(20.5)	0.50(12.5)	500-3	500	3.0	0.124	1.14(29.0)	0.55(14.0)
90.0-5	90	5.0	0.034	1.16(29.5)	0.61(15.5)	680-5	680	5.0	0.105	1.54(39.0)	0.73(18.5)
100-2	100	2.0	0.081	0.67(17.0)	0.35(9.0)	780-2	780	2.0	0.225	1.12(28.5)	0.54(13.5)
100-5	100	5.0	0.033	1.05(26.5)	0.50(12.5)	850-2	850	2.0	0.221	1.28(32.5)	0.65(16.5)
100-5	100	5.0	0.036	1.32(33.5)	0.67(17.0)	960-1	960	1.0	0.438	0.98(25.0)	0.44(11.0)

### PHYSICAL CHARACTERISTICS<sup>6</sup>



#### NOTES:

1. Inductance (L) measured @ 100 KHz, 100 mVRms with 0 DC bias
2. Inductance (L) tolerance: ±20%
3. Operating temperature: -55°C to +125°C
4. Inductance drops by 15% at max rated current
5. Mounting: Add "V" or "H" as suffix
6. Dimensions: inches / mm; see spec sheet for tolerance limits
7. Specifications subject to change without notice