

TOROIDAL POWER INDUCTORS

AIQT-AT SERIES WITH OPTIONAL MOUNTING



STANDARD SPECIFICATIONS

Part Number ⁵	L ^{1,2} mH	IDC ⁴ A (MAX)	DCR W (MAX)	PHYSICAL CHARACTERISTICS ⁶				
				A	B	C	D	E
AIQT-AT-100-3	10	3.0	0.010	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.036 (0.9)
AIQT-AT-100-6	10	6.0	0.015	0.82 (20.8)	0.32 (8.1)	0.50 (12.7)	0.72 (18.3)	0.046 (1.2)
AIQT-AT-250-2	25	2.0	0.020	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.032 (0.8)
AIQT-AT-250-4	25	4.0	0.025	0.82 (20.8)	0.32 (8.1)	0.50 (12.7)	0.75 (19.1)	0.040 (1.0)
AIQT-AT-250-6	25	6.0	0.020	1.10 (27.9)	0.37 (9.4)	0.50 (12.7)	1.02 (25.9)	0.051 (1.3)
AIQT-AT-250-10	25	10.0	0.015	1.30 (33.0)	0.56 (14.2)	0.75 (19.1)	1.15 (29.2)	0.064 (1.6)
AIQT-AT-500-1.5	50	1.5	0.030	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.028 (0.7)
AIQT-AT-500-3	50	3.0	0.035	0.82 (20.8)	0.32 (8.1)	0.50 (12.7)	0.75 (19.1)	0.036 (0.9)
AIQT-AT-500-4.5	50	4.5	0.030	1.10 (27.9)	0.40 (10.2)	0.50 (12.7)	1.02 (25.9)	0.046 (1.2)
AIQT-AT-500-7	50	7.0	0.020	1.30 (33.0)	0.55 (14.0)	0.75 (19.1)	1.20 (30.5)	0.057 (1.4)
AIQT-AT-750-1	75	1.0	0.045	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.025 (0.6)
AIQT-AT-750-2	75	2.0	0.050	0.82 (20.8)	0.32 (8.1)	0.50 (12.7)	0.75 (19.1)	0.032 (0.8)
AIQT-AT-750-4	75	4.0	0.035	1.10 (27.9)	0.40 (10.2)	0.50 (12.7)	1.02 (25.9)	0.040 (1.0)
AIQT-AT-101-1	100	1.0	0.055	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.025 (0.6)
AIQT-AT-101-1.5	100	1.5	0.070	0.82 (20.8)	0.32 (8.1)	0.50 (12.7)	0.72 (18.3)	0.028 (0.7)
AIQT-AT-101-3	100	3.0	0.050	1.10 (27.9)	0.40 (10.2)	0.50 (12.7)	1.02 (25.9)	0.036 (0.9)
AIQT-AT-151-5	150	5.0	0.030	1.30 (33.0)	0.56 (14.2)	0.75 (19.1)	1.20 (30.5)	0.051 (1.3)
AIQT-AT-151-1.5	150	1.5	0.120	0.62 (15.7)	0.25 (6.4)	0.50 (12.7)	0.56 (14.2)	0.020 (0.5)
AIQT-AT-151-2	150	2.0	0.100	0.87 (20.8)	0.35 (8.9)	0.50 (12.7)	0.75 (19.1)	0.025 (0.6)
AIQT-AT-151-5	150	5.0	0.070	1.10 (27.9)	0.40 (10.2)	0.50 (12.7)	1.02 (25.9)	0.036 (0.9)
AIQT-AT-251-1.5	250	1.5	0.050	1.30 (33.0)	0.75 (19.1)	0.75 (19.1)	1.20 (30.1)	0.045 (1.1)
AIQT-AT-251-2	250	2.0	0.155	0.85 (21.6)	0.35 (8.9)	0.50 (12.7)	0.75 (19.1)	0.023 (0.5)
AIQT-AT-251-3	250	3.0	0.090	1.15 (29.2)	0.40 (10.2)	0.50 (12.7)	1.02 (25.9)	0.032 (0.8)
AIQT-AT-501-1.5	500	1.5	0.070	1.25 (31.8)	0.56 (14.2)	0.75 (19.1)	1.20 (30.1)	0.040 (1.0)
AIQT-AT-501-2	500	2.0	0.180	1.15 (29.2)	0.40 (10.2)	0.50 (12.7)	1.05 (26.7)	0.028 (0.7)
AIQT-AT-751-1	750	1.0	0.130	1.30 (33.0)	0.56 (14.2)	0.75 (19.1)	1.20 (30.1)	0.032 (0.8)
AIQT-AT-751-2	750	2.0	0.250	1.15 (29.2)	0.40 (10.2)	0.50 (12.7)	1.05 (26.7)	0.025 (0.6)
AIQT-AT-751-1	750	1.0	0.170	1.30 (33.0)	0.60 (15.2)	0.75 (19.1)	1.25 (31.8)	0.032 (0.8)
AIQT-AT-102-1.5	1000	1.5	0.220	1.30 (33.0)	0.60 (15.2)	0.75 (19.1)	1.20 (30.1)	0.028 (0.7)

NOTES:

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

PHYSICAL CHARACTERISTICS ⁶

