

**RIPPLE FILTERING
HIGH CURRENT
TOROIDAL INDUCTOR
SERIES T2**

FEATURES

- Characterized for general purpose use
- Ripple filtering
- Can be used as differential mode in EMI Filters
- Self electromagnetic shielding
- Lowest price

ELECTRICAL CHARACTERISTICS

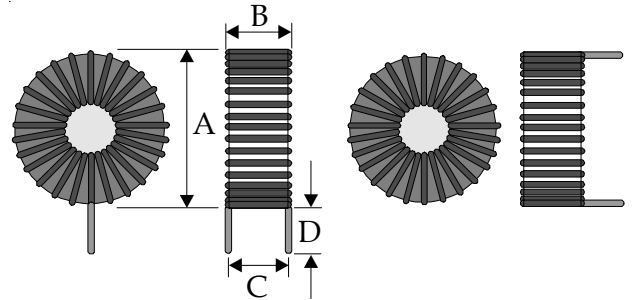
- Inductance range 10 μ H to 150 μ H. These values are typical inductances obtained at rated current. For measurement purposes, please refer to Design Control Values column below
- Rated current 2 Amps to 5 Amps
- Test frequency Designed L measured @ 1 KHz with specified test voltage. Please note that test voltage is critical, inductance will change when test voltage changes
- Test equipment QuadTech 1750 LCR Meter

PHYSICAL CHARACTERISTICS

- Operating temp. -55°C to +125°C
- Construction Vertical, Horizontal, Klip mount
Please add suffix to part number when ordering:
V = Vertical
H = Horizontal
K = Klip mount
- Core material Iron powder
- Wire SPNR temperature rating 135°C
- Tinning All leads are pretinned within 0.10" of toroid body
- Finish Covered with UL glass tape
- Marking None
- Packaging 100 pieces per bag

DIMENSIONS IN INCHES

Size	Diameter A	Thickness B	Lead spacing C	Lead Length D
1	0.55" \pm 0.10"	0.25" \pm 0.05"	0.20" \pm 0.05"	0.30" to 0.50"
2	0.64" \pm 0.10"	0.28" \pm 0.05"	0.25" \pm 0.05"	0.30" to 0.50"
3	0.70" \pm 0.10"	0.38" \pm 0.05"	0.30" \pm 0.05"	0.30" to 0.50"
4	0.85" \pm 0.10"	0.41" \pm 0.05"	0.30" \pm 0.05"	0.30" to 0.50"
5	1.10" \pm 0.10"	0.55" \pm 0.05"	0.45" \pm 0.05"	0.30" to 0.50"



SPECIFICATIONS

Part Number	Typical L @ rated current (μ H)	Rated current (DC) (A)	DESIGN CONTROL VALUES				Size
			L @ 1 KHz Tol \pm 15% (μ H)	Test voltage (VAC)	DCR @ 20°C (Ω)	Min Energy Storage (μ J)	
T2-5A100K	10	5.0	20.0	0.005	0.03	125	4
T2-5A150K	15	5.0	21.5	0.005	0.035	185	4
T2-2A200K	20	2.0	32.8	0.0035	0.06	40	2
T2-2.5A250K	25	2.5	20.7	0.0025	0.05	75	1
T2-2.5A350K	35	2.5	28.4	0.0035	0.05	110	3
T2-4A400K	40	4.0	37.9	0.006	0.04	310	4
T2-2.5A500K	50	2.5	45.7	0.005	0.07	155	3
T2-5A550K	55	5.0	54.9	0.010	0.02	650	5
T2-3A700K	70	3.0	61.0	0.008	0.05	300	4
T2-2.5A101K	100	2.5	94.1	0.010	0.10	300	4
T2-3.5A101K	100	3.5	90.7	0.012	0.05	600	5
T2-3A151K	150	3.0	143.5	0.015	0.08	650	5

NOTE: Other inductance values are available. Please call our Sales Department for detailed information.