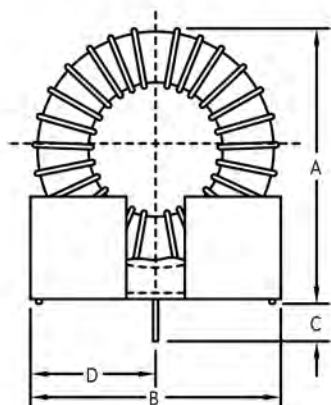




FILTER INDUCTORS (FI-05 SERIES)

Features:

- Rugged construction, self leaded and clip mount.
- All flame retardent materials.
- Featuring a no radiation design.
- Perfect for use in switching power supplies and circuits where EMI must be eliminated.
- Small size in conjunction with their PCB make them suitable for high density packaging and easy insertion.
- High SRF one-layer design.
- Storage temperature range: -55°C to +130°C.
- Operating temperature range: -40°C to +70°C.
- Cross Reference: Renco RL-4435 Series.
- Custom versions upon requested.
- According to:



• Schematic



Part No.	REFERENCE OPERATING			DESIGN CONTROL			
	Inductance Typ. (μH)	Isat (A)	DCR Max. (Ohms)	Inductance No DC (μH)	ETop (V-μSec)	Energ. Storage (μJ)	Lead Dia. (mm)
FI05-T1A	25	2.5	0.04	29	30	75	0.5
FI05-T2A	35	2.5	0.06	40	50	110	0.5
FI05-T2B	50	2.5	0.07	58	55	150	0.5
FI05-T3A	100	2.5	0.10	115	90	300	0.5
FI05-T3B	70	3.0	0.05	80	85	300	0.6
FI05-T3C	40	4.0	0.03	46	70	300	0.8
FI05-T4A	145	3.0	0.08	166	140	650	0.6
FI05-T4B	100	3.5	0.04	115	130	600	0.8
FI05-T4C	55	5.0	0.02	63	100	650	1.0
FI05-T5A	285	3.0	0.14	327	300	1275	0.6
FI05-T5B	165	4.0	0.07	190	240	1300	0.8
FI05-T5C	100	5.0	0.04	115	200	1250	1.0
FI05-T5D	55	7.0	0.02	63	150	1300	1.3

Notes:

1. Isat and ETop values show point of typical inductance.
2. $\frac{L^2}{2}$ rating is the ability of the inductor to store energy.
3. Tested at 20KHz/100mVac.

Part No.	Dimensions(mm)					
	A	B	C	D	E	F
FI05-T1	16.00	15.44	2.79	7.37	9.40	5.59
FI05-T2	17.27	17.22	2.79	8.26	12.19	7.62
FI05-T3	22.35	21.79	2.79	10.54	12.19	7.62
FI05-T4	24.89	24.84	2.79	12.07	16.00	11.43
FI05-T5	32.51	32.46	2.79	15.88	18.54	12.70