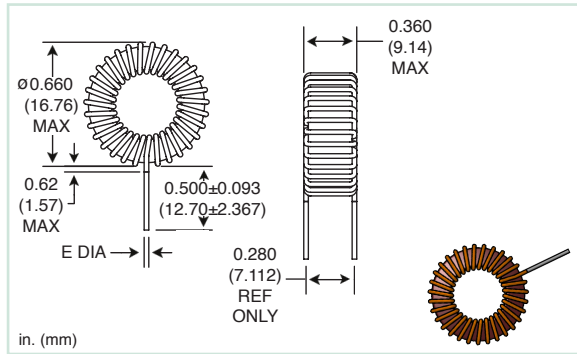


050HT TRADITIONAL Pb
050HTLF* RoHS COMPLIANT

Horizontal & Vertical Toroidal Inductor



PART NUMBER	L μ H @ 10 kHz	SRF MHz TYP	DCR m Ω MAX	CURRENT RATING A DC	INC I A DC Δ L 10%	INC I A DC Δ L 20%	E DIA NOM
050HT3900V	0.39	> 40	2.0	20.5	26.6	45.5	0.053 (1.346)
050HT8200V	0.82	> 40	2.7	17.8	20.9	31.4	0.053 (1.346)
050HT1201V	1.20	> 40	3.0	17.4	14.8	26.0	0.053 (1.346)
050HT1501V	1.50	> 40	3.6	15.3	13.3	23.2	0.053 (1.346)
050HT2701V	2.70	> 40	5.0	13.0	12.0	21.0	0.045 (1.143)
050HT4701V	4.70	> 40	8.6	9.8	9.0	15.0	0.042 (1.067)
050HT6801V	6.80	> 40	15	8.0	7.0	12.0	0.036 (0.914)
050HT8201V	8.20	> 40	18	6.9	6.6	9.9	0.034 (0.864)
050HT1002V	10	38.0	19	6.6	6.0	9.5	0.034 (0.864)
050HT1202V	12	34.5	27	5.5	5.5	8.5	0.031 (0.787)
050HT1502V	15	20.0	30	5.2	4.9	7.3	0.031 (0.787)
050HT2202V	22	15.0	36	4.4	4.0	6.1	0.031 (0.787)
050HT3202V	32	8.0	45	3.9	3.0	6.0	0.031 (0.787)
050HT3902V	39	7.0	73	3.1	2.9	4.6	0.025 (0.635)
050HT4702V	47	6.0	80	2.9	2.8	4.2	0.025 (0.635)
050HT6802V	68	5.3	122	2.4	2.3	3.4	0.022 (0.559)
050HT8202V	82	4.5	130	2.3	2.1	3.3	0.022 (0.559)
050HT1003V	100	3.5	145	2.2	1.9	3.1	0.022 (0.559)

NOTES:

- **Operating Temperature Range:** -55°C to +200°C
- **Current Rating** is based on a 50°C temperature rise at an ambient temperature of 150°C
- **Incremental Current** is the approximate value that will cause a percentage drop in inductance as indicated in the table
- **Weight Max:** 6 grams
- Excellent electromagnetic shielding
- Specially designed for high temperature applications
- When ordering, specify **mounting style & termination:**

050HT3900VLF

Tolerance: All part numbers provide 10% tolerance on inductance

Mounting style: V = Vertical

Termination: LF = RoHS compliant tin-silver copper over copper

- Custom designs are available to meet your specific requirements; please contact factory

PACKAGING SPECS:

Bulk Only