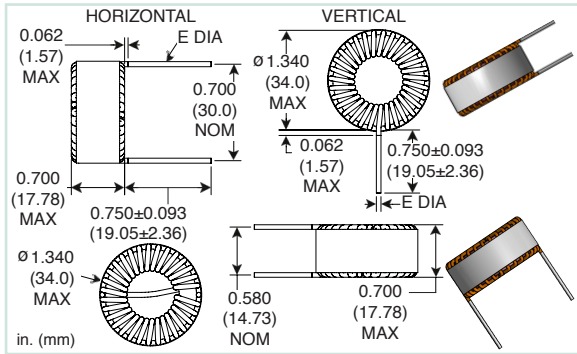


106HT TRADITIONAL Pb
106HTLF* RoHS COMPLIANT

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
106HT1201_	1.2	> 40	2.0	33.6	54.7	89.5	0.0720 (1.83)
106HT1801_	1.8	> 40	2.2	30.3	44.7	73.1	0.0720 (1.83)
106HT2701_	2.7	> 40	2.8	26.6	36.5	59.7	0.0720 (1.83)
106HT3901_	3.9	> 40	3.2	25.0	30.3	49.7	0.0720 (1.83)
106HT4701_	4.7	> 40	3.6	24.0	27.6	45.2	0.0720 (1.83)
106HT5601_	5.6	> 40	4.0	22.9	25.3	41.4	0.0720 (1.83)
106HT6801_	6.8	> 40	4.4	21.8	23.0	37.6	0.0720 (1.83)
106HT8201_	8.2	35.0	4.8	20.8	20.9	34.2	0.0720 (1.83)
106HT1002_	10	31.5	5.7	19.1	18.9	31.0	0.0720 (1.83)
106HT1202_	12	30.0	7.2	17.0	17.3	28.3	0.0640 (1.63)
106HT1502_	15	25.0	8.0	16.1	15.5	25.3	0.0640 (1.63)
106HT1802_	18	21.0	8.5	15.3	14.1	23.1	0.0640 (1.63)
106HT2202_	22	16.7	9.7	14.4	12.8	20.9	0.0640 (1.63)
106HT2702_	27	14.7	13.0	12.2	11.5	18.9	0.0570 (1.45)
106HT3302_	33	14.2	18.5	10.4	10.4	17.1	0.0500 (1.29)
106HT3902_	39	11.0	20	10.0	9.6	15.7	0.0500 (1.29)
106HT4702_	47	8.0	22	9.6	8.7	14.3	0.0500 (1.29)
106HT5602_	56	5.0	24	9.0	8.0	13.1	0.0500 (1.29)
106HT6802_	68	5.0	34	7.7	7.3	11.9	0.0500 (1.29)
106HT8202_	82	4.0	37	7.4	6.6	10.8	0.0500 (1.29)
106HT1003_	100	3.1	42	6.9	6.0	9.8	0.0500 (1.29)
106HT1203_	120	2.7	44	6.7	5.5	9.0	0.0500 (1.29)
106HT1503_	150	2.3	52	6.2	4.9	8.0	0.0500 (1.29)
106HT1803_	180	2.0	70	5.3	4.5	7.3	0.0400 (1.02)
106HT2203_	220	1.8	78	5.1	4.0	6.6	0.0400 (1.02)
106HT2703_	270	1.7	105	4.3	3.6	6.0	0.0360 (0.914)
106HT3303_	330	1.4	120	4.1	3.3	5.4	0.0360 (0.914)
106HT3903_	390	1.1	130	3.9	3.0	5.0	0.0360 (0.914)
106HT4703_	470	1.0	140	3.8	2.8	4.5	0.0360 (0.914)
106HT5603_	560	0.87	155	3.6	2.5	4.1	0.0360 (0.914)
106HT6803_	680	0.70	215	3.1	2.3	3.8	0.0320 (0.813)
106HT8203_	820	0.60	300	2.6	2.1	3.4	0.0285 (0.724)
106HT1004_	1000	0.53	330	2.5	1.9	3.1	0.0285 (0.724)

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:** 50 grams
 - Excellent electromagnetic shielding
 - Specially designed for high temperature applications
 - When ordering, specify **mounting style & termination:**
 106HT1201HLF
- Tolerance:** All part numbers provide 10% tolerance on inductance
- Mounting style:** H = Horizontal, 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