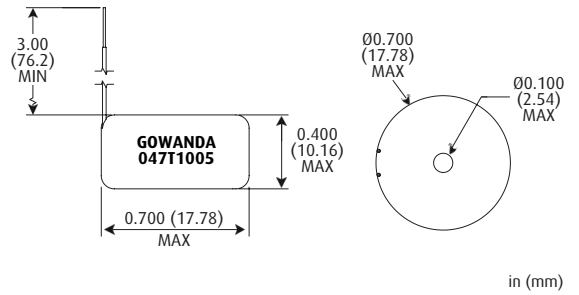


## T-SMALL SERIES



High Inductance Self-Leaded Toroidal Inductor



in (mm)

PART NUMBER	L mH @ 1 kHz	SRF kHz MIN	DCR Ω MAX	CURRENT RATING mA DC
<b>LOW FREQUENCY</b>				
047T1005	10	240	3	235
047T2005	20	160	6	150
047T5005	50	100	15	93
047T1006	100	65	30	60
047T2006	200	45	60	47
047T5006	500	25	110	28
047T1007	1000	20	290	18
047T2007	2000	14	575	11
<b>MEDIUM FREQUENCY</b>				
050T5004	5	350	2.5	235
050T1005	10	240	5.0	150
050T2005	20	160	12	118
050T5005	50	100	25	74
050T1006	100	65	50	47
050T2006	200	45	120	28
050T5006	500	25	300	23
050T1007	1000	20	550	11
<b>HIGH FREQUENCY</b>				
051T1004	1	850	1.3	380
051T2004	2	600	2.3	235
051T5004	5	370	5.0	190
051T1005	10	250	12	118
051T2005	20	180	22	74
051T5005	50	100	55	47
051T1006	100	70	115	36
051T2006	200	50	200	28
051T3006	300	40	350	18
051T5006	500	30	520	14

### NOTES

- **Operating Temperature Range:** -40°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **Weight:** 6.3 grams (047T Series), 5.7 grams (050T Series), 5.8 grams (051T Series)
- **Marking:** GOWANDA; Part Number (see diagram above)
- **Leads:** 24 AWG stranded tin plated copper, teflon insulation
- Vinyl coated, non-flammable, abrasion & moisture resistant
- High Q and wide selection of Q vs. Frequency ranges
- Custom designs are available to meet your specific requirements; please contact factory
- **Applications:** Low cost with excellent performance for commercial and industrial applications.

### PART NUMBER DERIVATION

GEC Series 047T 1005 LF  
**Inductance:** 3 signif. digits & mult.  
 ex: 1005 = 10mH, 1006 = 100mH, 1007 = 1000mH  
**Tolerance:** All part numbers provide 2% tolerance on inductance  
**Termination:** No Suffix = SnPb (standard), LF = Pb free internal solder

### PACKAGING SPECS

Bulk

One Magnetics Parkway  
Gowanda, New York 14070, USA

sales@gowanda.com P +1.716.532.2234

Made in the U.S.A.

If printed, this document is to be considered uncontrolled.  
Specification subject to change without notification. Verify revision level prior to use.

REV: ISSUE  
DATE: 07122022