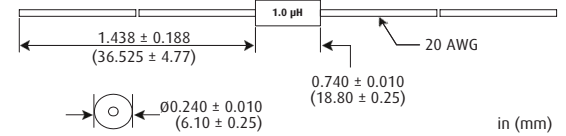


**24FP SERIES**



Molded High Current Axial Lead Inductor

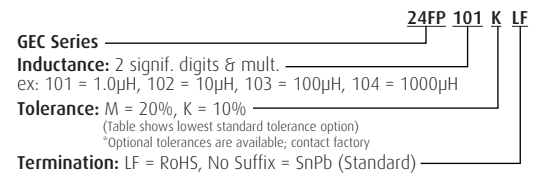


PART NUMBER	L μH	DCR Ω MAX	CURRENT RATING A DC	INC I A DC
<b>FERRITE CORE</b>				
24FP-101K	1.0	0.090	6.27	13.8
24FP-121K	1.2	0.010	5.95	12.8
24FP-151K	1.5	0.011	5.67	11.2
24FP-181K	1.8	0.012	5.43	10.0
24FP-221K	2.2	0.013	5.22	9.0
24FP-271K	2.7	0.014	5.03	8.2
24FP-331K	3.3	0.016	4.70	6.9
24FP-391K	3.9	0.017	4.56	6.2
24FP-471K	4.7	0.022	4.01	5.5
24FP-561K	5.6	0.024	3.84	5.0
24FP-681K	6.8	0.026	3.69	4.5
24FP-821K	8.2	0.028	3.55	4.1
24FP-102K	10	0.033	3.27	3.6
24FP-122K	12	0.037	3.09	3.2
24FP-152K	15	0.040	2.97	2.9
24FP-182K	18	0.044	2.84	2.7
24FP-222K	22	0.050	2.66	2.5
24FP-272K	27	0.070	2.25	2.3
24FP-332K	33	0.075	2.17	2.0
24FP-392K	39	0.084	2.05	1.9
24FP-472K	47	0.104	1.84	1.7
24FP-562K	56	0.130	1.65	1.5
24FP-682K	68	0.145	1.56	1.4
24FP-822K	82	0.152	1.53	1.2
24FP-103K	100	0.208	1.30	1.1
24FP-123K	120	0.283	1.12	1.0
24FP-153K	150	0.330	1.04	0.95
24FP-183K	180	0.362	0.99	0.86
24FP-223K	220	0.505	0.84	0.79
24FP-273K	270	0.557	0.80	0.71
24FP-333K	330	0.650	0.74	0.63
24FP-393K	390	0.770	0.68	0.58
24FP-473K	470	1.03	0.59	0.53
24FP-563K	560	1.14	0.56	0.49
24FP-683K	680	1.50	0.49	0.45
24FP-823K	820	1.98	0.42	0.41
24FP-104K	1000	2.30	0.39	0.37
24FP-124K	1200	2.55	0.37	0.33
24FP-154K	1500	3.00	0.34	0.30
24FP-184K	1800	4.00	0.30	0.27
24FP-224K	2200	4.40	0.28	0.25
24FP-274K	2700	5.80	0.25	0.22
24FP-334K	3300	6.56	0.23	0.20
24FP-394K	3900	8.63	0.20	0.18
24FP-474K	4700	10.1	0.19	0.17
24FP-564K	5600	11.2	0.18	0.15
24FP-684K	6800	15.0	0.15	0.14
24FP-824K	8200	20.8	0.13	0.13
24FP-105K	10000	23.4	0.12	0.11
24FP-125K	12000	26.0	0.12	0.10
24FP-155K	15000	36.0	0.10	0.09
24FP-185K	18000	40.0	0.09	0.08

**NOTES**

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 45°C maximum temperature rise at an ambient temperature of 85°C
- **Incremental Current** is the approximate values that will cause a percentage drop in inductance as indicated in the table.  
Note: Incremental Current values exceeding Current Rating values are for reference and indicate saturation effects expected for non-continuous or peak current values.
- **Weight MAX:** 2.45 grams
- **Marking:** Inductance with units (see diagram above)
- **Body Color:** black
- Epoxy-encapsulated for environmental protection and superior strength to withstand all types of reflow soldering
- Custom designs are available to meet your specific requirements; please contact factory

**PART NUMBER DERIVATION**



**TAPE AND REEL SPECS:**

Pieces/reel maximum:	1000
Pitch between parts:	0.400 in.
Tape width:	2.50 in.
Reel diameter:	12 in.
Class:	2