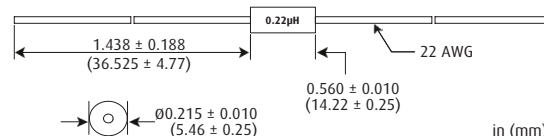


22FP SERIES



Molded High Current Axial Lead Inductor



PART NUMBER	L μH	DCR Ω MAX	CURRENT RATING A DC	INC I A DC
FERRITE CORE				
22FP-220L	0.22	0.0080	7.00	7.00
22FP-270L	0.27	0.0085	6.75	6.75
22FP-330L	0.33	0.0090	6.50	6.50
22FP-390L	0.39	0.0095	6.25	6.25
22FP-470L	0.47	0.0100	6.00	6.00
22FP-560L	0.56	0.0105	5.80	5.80
22FP-680L	0.68	0.0110	5.70	5.70
22FP-820L	0.82	0.0120	5.60	5.60
22FP-101L	1.0	0.0130	5.50	5.50
22FP-121L	1.2	0.0180	4.69	4.69
22FP-151L	1.5	0.0200	4.45	4.45
22FP-181L	1.8	0.0210	4.34	4.34
22FP-221L	2.2	0.0290	3.70	3.70
22FP-271L	2.7	0.0340	3.41	3.41
22FP-331L	3.3	0.0380	3.23	3.23
22FP-391L	3.9	0.0420	3.07	3.07
22FP-471L	4.7	0.0470	2.90	2.90
22FP-561L	5.6	0.0510	2.79	2.79
22FP-681L	6.8	0.0580	2.61	2.61
22FP-821L	8.2	0.0630	2.51	2.51
22FP-102L	10	0.0710	2.36	2.36
22FP-122L	12	0.0790	2.24	2.24
22FP-152L	15	0.0890	2.11	2.11
22FP-182L	18	0.1190	1.82	1.82
22FP-222L	22	0.1520	1.61	1.61
22FP-272L	27	0.1790	1.48	1.48
22FP-332L	33	0.2220	1.33	1.33
22FP-392L	39	0.3150	1.12	1.12
22FP-472L	47	0.3620	1.04	1.04
22FP-562L	56	0.3970	1.00	1.00
22FP-682L	68	0.4180	0.970	0.970
22FP-822L	82	0.6040	0.810	0.810
22FP-103L	100	0.6720	0.760	0.760
22FP-123L	120	0.7350	0.730	0.730
22FP-153L	150	0.9130	0.630	0.630
22FP-183L	180	1.37	0.530	0.530
22FP-223L	220	1.58	0.500	0.500
22FP-273L	270	1.77	0.470	0.470
22FP-333L	330	2.51	0.390	0.390
22FP-393L	390	2.73	0.380	0.380
22FP-473L	470	3.25	0.350	0.350
22FP-563L	560	3.75	0.330	0.330
22FP-683L	680	4.31	0.300	0.300
22FP-823L	820	6.04	0.260	0.260
22FP-104L	1000	6.90	0.240	0.240
22FP-124L	1200	10	0.200	0.200
22FP-154L	1500	12.5	0.178	0.178
22FP-184L	1800	16	0.157	0.157
22FP-224L	2200	20	0.141	0.141
22FP-274L	2700	23	0.131	0.131
22FP-334L	3300	25	0.126	0.126
22FP-394L	3900	33	0.110	0.110
22FP-474L	4700	37	0.103	0.103
22FP-564L	5600	40	0.100	0.100
22FP-684L	6800	42	0.080	0.080
22FP-824L	8200	66	0.077	0.077
22FP-105L	10000	74	0.071	0.071
22FP-125L	12000	93	0.065	0.065
22FP-155L	15000	105	0.061	0.061
22FP-185L	18000	143	0.052	0.052
22FP-225L	22000	160	0.050	0.050

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 80°C
- **Incremental Current** is the current at which the initial inductance will decrease by a maximum of 5%.
- **Weight MAX:** 1.80 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

GEC Series **22FP 220 L LF**
Inductance: 2 signif. digits & mult.
 ex: 220 = 0.22μH, 221 = 2.2μH, 222 = 22μH, 223 = 220μH
Tolerance: M = 20%, L = 15%
 (Table shows lowest standard tolerance option)
 *Optional tolerances are available; contact factory
Termination: LF = RoHS, No Suffix = SnPb (Standard)

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