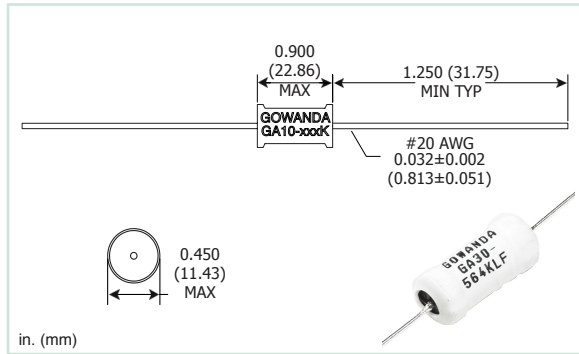


GA30 TRADITIONAL Pb
GA30LF* ROHS COMPLIANT

High Current Toroidal Inductor



PART NUMBER	L μ H @ 1 kHz NOM	SRF MHz MIN	DCR Ω MAX	I SAT mA DC	CURRENT RATING mA DC
FERRITE CORE					
GA30-102K	10	45	0.016	3.2	5.332
GA30-122K	12	40	0.018	2.9	5.027
GA30-152K	15	32	0.023	2.6	4.447
GA30-182K	18	21	0.027	2.4	4.105
GA30-222K	22	12	0.027	2.2	4.105
GA30-272K	27	8.5	0.028	2.0	4.031
GA30-332K	33	5.8	0.028	1.8	4.031
GA30-392K	39	3.5	0.031	1.7	3.831
GA30-472K	47	3.2	0.034	1.5	3.658
GA30-562K	56	2.9	0.037	1.4	3.506
GA30-682K	68	2.7	0.047	1.2	3.111
GA30-822K	82	2.5	0.060	1.1	2.753
GA30-103K	100	2.3	0.084	1.0	2.327
GA30-123K	120	2.1	0.113	0.93	2.006
GA30-153K	150	1.9	0.129	0.83	1.878
GA30-183K	180	1.5	0.150	0.76	1.741
GA30-223K	220	1.3	0.162	0.68	1.676
GA30-273K	270	1.3	0.250	0.62	1.349
GA30-333K	330	1.2	0.290	0.56	1.252
GA30-393K	390	1.1	0.320	0.51	1.192
GA30-473K	470	1.0	0.380	0.46	1.094
GA30-563K	560	0.90	0.420	0.43	1.041
GA30-683K	680	0.80	0.548	0.39	0.911
GA30-823K	820	0.72	0.600	0.35	0.871
GA30-104K	1000	0.65	0.844	0.32	0.734
GA30-124K	1200	0.62	1.05	0.29	0.658
GA30-154K	1500	0.58	1.20	0.26	0.616
GA30-184K	1800	0.53	1.50	0.24	0.551
GA30-224K	2200	0.44	1.76	0.22	0.508
GA30-274K	2700	0.39	2.06	0.19	0.470
GA30-334K	3300	0.36	2.53	0.18	0.424
GA30-394K	3900	0.34	3.20	0.16	0.377
GA30-474K	4700	0.32	3.79	0.15	0.346
GA30-564K	5600	0.26	4.24	0.14	0.328
GA30-684K	6800	0.24	5.69	0.12	0.283
GA30-824K	8200	0.21	6.32	0.11	0.268
GA30-105K	10000	0.20	7.30	0.10	0.250

NOTES:

- **Operating Temperature Range:** -55°C to +125°C
- **Current Rating** is based on a 35°C maximum temperature rise at an ambient temperature of 90°C
- **Saturation Current** is the approximate value that will reduce the initial inductance by 5%
- **Weight Max:** 4.0 grams
- **Marking:** GOWANDA; GA30; XXX (Dash Number); Tolerance
GOWANDA
GA30-102K
- When ordering, specify **tolerance & termination:**
GA30-102KLF
Tolerance: K = 10%
(Table shows lowest standard tolerance option)
**Optional tolerances are available; contact factory*
Termination: LF = RoHS compliant tin-silver copper over copper
- Custom designs are available to meet your specific requirements; please contact factory

TAPE AND REEL SPECS:

Pcs./Reel maximum:	400
Pitch between parts:	0.600 in.
Tape width:	2.500 in.
Reel diameter:	12 in.
Class:	2