

GOWANDA SMD Toroidal Power Inductors

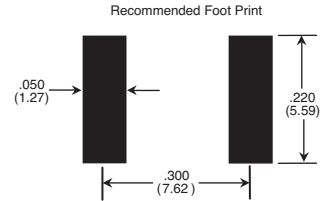
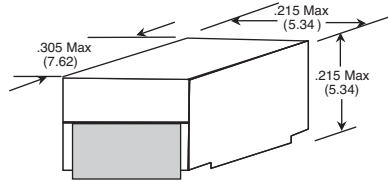


Gowanda Electronics, founded in 1963, is a leading supplier of extremely high-performance magnetic components to the global OEM electronics marketplace. Gowanda's high quality inductors are usable in test & measurement equipment, computers & peripherals, medical diagnostic equipment, communications systems, monitoring systems, as well as many consumer products. Gowanda's extensive product line offerings include axial lead & surface mount RF inductors, pot cores, thru-hole & surface mount toroidal inductors & transformers, tunable coils, vertical RF antenna coils, SMPS magnetics, common-mode chokes, and transformers. Custom Designs to your specifications are available. Please call a Mouser Tech Rep for additional information.

SMT2920 SERIES SMD SHIELDED TOROIDAL POWER INDUCTORS

Features:

- Electromagnetically shielded
- High Q Applications
- Custom designs are available.
- Powdered Iron Core for Extreme Stability
- Operating Temperature -55°C to +105°C



DIMENSIONS: in. (mm)



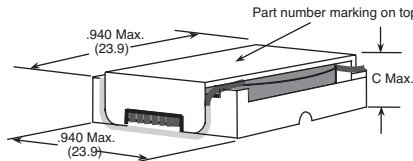
For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Gowanda Part No.	Value (μH) (@ 10MHz, ±10%)	Current Rating (A)	DCR (Ω) (Max.)	Self Resonant Frequency (MHz) (Min.)	Price Each				Reel Size	Price per Piece
						1	50	100	500		
883-SMT2920-500KLF	SMT2920-500KLF	0.50	1.75	0.10	180	4.63	3.86	3.51	3.19	1000	2.81
883-SMT2920-600KLF	SMT2920-600KLF	0.60	1.65	0.11	180	4.69	3.91	3.55	3.23	1000	2.84
883-SMT2920-700KLF	SMT2920-700KLF	0.70	1.60	0.12	155	4.88	4.07	3.70	3.36	1000	2.96
883-SMT2920-800KLF	SMT2920-800KLF	0.80	1.53	0.13	135	4.91	4.09	3.72	3.38	1000	2.97
883-SMT2920-900KLF	SMT2920-900KLF	0.90	1.50	0.14	115	4.45	3.71	3.37	3.06	1000	2.69
883-SMT2920-101KLF	SMT2920-101KLF	1.0	1.43	0.15	115	4.56	3.80	3.45	3.14	1000	2.76
883-SMT2920-301KLF	SMT2920-301KLF	3.0	0.87	0.40	65	4.63	3.86	3.51	3.19	1000	2.81
883-SMT2920-401KLF	SMT2920-401KLF	4.0	0.82	0.46	52	4.75	3.96	3.60	3.27	1000	2.88
883-SMT2920-501KLF	SMT2920-501KLF	5.0	0.78	0.50	40	4.88	4.07	3.70	3.36	1000	2.96

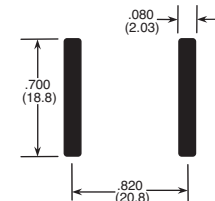
121KMSM SERIES SMD TOROIDAL POWER INDUCTORS

Features:

- Electromagnetically shielded
- Current Ratings from 2 to 8.7 amps
- Custom designs are available.
- Stocked on Tape and Reel
- Operating Temperature -55°C to +130°C
- Incremental Current is the approximate value that will cause a percentage drop in inductance as noted in column 5.



RECOMMENDED FOOT PRINT



DIMENSIONS: in. (mm)



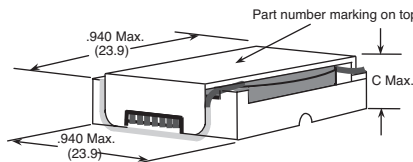
For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Gowanda Part No.	Value (μH)	Current Rating (A)	Incremental Current (ΔL 10%) (A)	DCR (Ω)	Self Resonant Frequency (MHz)	C Max (IN)	Price Each			Reel Size	Price per Piece
								1	25	50		
883-121KM1002SMLF	121KM1002SMLF	10	8.72	5.3	0.01	20	0.43	7.88	6.57	5.97	160	5.43
883-121KM2502SMLF	121KM2502SMLF	25	6.34	3.3	0.017	8.0	0.51	8.56	7.13	6.48	130	5.89
883-121KM5002SMLF	121KM5002SMLF	50	4.77	2.3	0.03	4.0	0.51	8.56	7.13	6.48	130	5.89
883-121KM7502SMLF	121KM7502SMLF	75	3.90	1.8	0.045	3.0	0.51	9.41	7.84	7.13	130	6.48
883-121KM1003SMLF	121KM1003SMLF	100	3.24	1.6	0.065	2.0	0.51	9.80	8.17	7.43	130	6.75
883-121KM1503SMLF	121KM1503SMLF	150	2.68	1.3	0.095	1.5	0.51	9.80	8.17	7.43	130	6.75
883-121KM2503SMLF	121KM2503SMLF	250	2.07	0.9	0.16	1.0	0.51	9.80	8.17	7.43	130	6.75

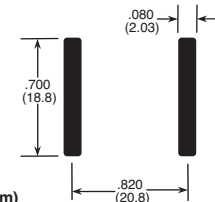
121ATSM SERIES SMD TOROIDAL POWER INDUCTORS

Features:

- Electromagnetically shielded
- Current Ratings from 2 to 8.7 amps
- Custom designs are available.
- Stocked on Tape and Reel
- Operating Temperature -55°C to +130°C
- Incremental Current is the approximate value that will cause a percentage drop in inductance as noted in column 5.



RECOMMENDED FOOT PRINT



DIMENSIONS: in. (mm)



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Gowanda Part No.	Value (μH)	Current Rating (A)	Incremental Current (ΔL 10%) (A)	DCR (Ω)	Self Resonant Frequency (MHz)	C Max (IN)	Price Each			Reel Size	Price per Piece
								1	25	50		
883-121AT1002SMLF	121AT1002SMLF	10	8.72	9.0	0.01	20	0.43	7.87	6.56	5.96	160	5.42
883-121AT2502SMLF	121AT2502SMLF	25	6.34	7.0	0.017	8.0	0.51	8.68	7.23	6.57	130	5.97
883-121AT5002SMLF	121AT5002SMLF	50	4.77	3.9	0.03	4.0	0.51	8.68	7.23	6.57	130	5.97
883-121AT7502SMLF	121AT7502SMLF	75	3.90	3.9	0.045	3.0	0.51	9.47	7.89	7.17	130	6.52
883-121AT1003SMLF	121AT1003SMLF	100	3.24	3.4	0.065	2.0	0.51	9.90	8.25	7.50	130	6.82
883-121AT1503SMLF	121AT1503SMLF	150	2.68	3.3	0.095	1.5	0.51	9.90	8.25	7.50	130	6.82
883-121AT2503SMLF	121AT2503SMLF	250	2.07	2.2	0.16	1.0	0.51	9.47	7.89	7.17	130	6.52