

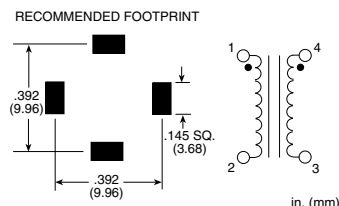
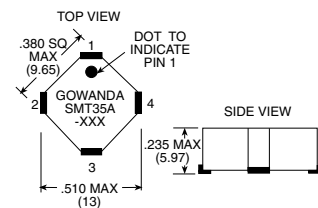
POWER INDUCTORS - SURFACE MOUNT



SMT35A Power Inductors



PART NUMBER	PARALLEL RATINGS				SERIES RATINGS			
	INDUCTANCE $\mu\text{H} \pm 25\%$ @ 100kHz	DCR OHMS NOM.	I SAT. ADC	CURRENT RATING ADC*	INDUCTANCE $\mu\text{H} \pm 25\%$ @ 100kHz	DCR OHMS NOM.	I SAT. ADC	CURRENT RATING ADC*
SMT35A-220	.22	.0028	18.8	10.9	.88	.0113	9.38	5.47
SMT35A-820	.82	.0039	12.5	9.40	3.28	.0155	6.25	4.68
SMT35A-121	1.2	.0050	9.38	8.22	4.80	.0200	4.69	4.11
SMT35A-181	1.8	.0077	7.50	6.74	7.20	.0298	3.75	3.37
SMT35A-501	5.0	.018	4.69	4.34	20	.0717	2.34	2.17
SMT35A-801	8.0	.027	3.75	3.50	32	.111	1.88	1.75
SMT35A-102	10	.040	3.13	2.89	40	.161	1.56	1.45
SMT35A-152	15	.046	2.68	2.69	60	.187	1.34	1.35
SMT35A-202	20	.067	2.34	2.24	80	.269	1.17	1.12
SMT35A-252	25	.095	2.08	1.89	100	.380	1.04	.94
SMT35A-332	33	.138	1.79	1.56	132	.556	.89	.78
SMT35A-502	50	.206	1.50	1.28	200	.823	.75	.64
SMT35A-682	68	.293	1.29	1.07	272	1.17	.65	.54
SMT35A-103	100	.596	1.04	.75	400	2.38	.52	.38
SMT35A-153	150	.722	.85	.68	600	2.89	.43	.34
SMT35A-203	200	.814	.75	.64	800	3.26	.38	.32
SMT35A-303	300	1.006	.60	.58	1200	4.03	.30	.29



NOTES:

- Operating temperature -55°C to +125°C
- * The current rating that will cause a maximum temperature rise of 40°C from a 85°C ambient. This current will cause an inductance decrease of approximately 30%.

TAPE AND REEL SPECS:

Pcs./Reel maximum:	800
Pitch between parts:	12 mm
Tape width:	24 mm
Reel diameter inches:	13

Mouser Electronics

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[SMT35A-252](#) [SMT35A-332](#) [SMT35A-502](#) [SMT35A-682](#) [SMT35A-103](#) [SMT35A-153](#) [SMT35A-203](#) [SMT35A-303](#)