

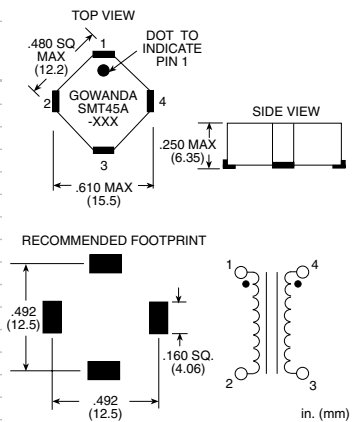
POWER INDUCTORS - SURFACE MOUNT



SMT45ALF RoHS 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*
SMT45A-220LF	.22	.0026	22.5	12.2	.88	.0102	11.25	6.09
SMT45A-820LF	.82	.0034	15.0	10.6	3.28	.0136	7.50	5.28
SMT45A-121LF	1.2	.0045	11.25	9.23	4.80	.0177	5.63	4.62
SMT45A-201LF	2.0	.0054	9.00	8.38	8.00	.0215	4.50	4.19
SMT45A-501LF	5.0	.0073	6.43	7.21	20	.0290	3.21	3.61
SMT45A-801LF	8.0	.013	4.50	5.49	32	.0502	2.25	2.74
SMT45A-102LF	10	.017	4.09	4.67	40	.0694	2.05	2.33
SMT45A-152LF	15	.026	3.46	3.87	60	.101	1.73	1.94
SMT45A-202LF	20	.029	3.00	3.62	80	.115	1.50	1.81
SMT45A-252LF	25	.041	2.65	3.02	100	.165	1.32	1.51
SMT45A-332LF	33	.061	2.25	2.49	132	.243	1.13	1.25
SMT45A-502LF	50	.089	1.88	2.05	200	.358	.94	1.03
SMT45A-682LF	68	.131	1.61	1.70	272	.525	.80	.85
SMT45A-103LF	100	.201	1.32	1.37	400	.805	.66	.69
SMT45A-153LF	150	.313	1.07	1.10	600	1.25	.54	.55
SMT45A-203LF	200	.447	.94	.92	800	1.79	.47	.46
SMT45A-303LF	300	.675	.76	.75	1200	2.70	.38	.37



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:	640
Pitch between parts:	16 mm
Tape width:	24 mm
Reel diameter inches:	13