

SURFACE-MOUNT POWER INDUCTORS

ASPI SERIES

0401, 0602

FEATURES:

- Current up to 3A
- Very Small Foot Print
- Flat-top for Pick & Place
- Increased Size Selection Guide

OPTIONS:

- Tape & Reel is Standard
- Bulk Packaging Available for Smaller Quantities
- Tolerance: 20% is Standard
- Custom Design Available

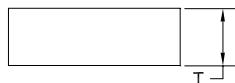
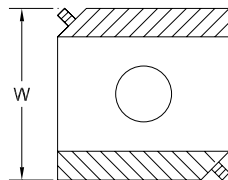
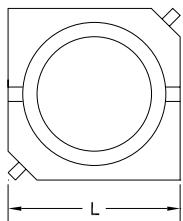
COMMON APPLICATIONS:

- Ideal for Palm-Top and Laptop DC/DC Converters
- PDA's Flash Memory
- Step-up, Step-down Converters

STANDARD SPECIFICATIONS

Part Number # - xxx	L (μH) ±20% 1KHz 0.1Vrms	DCR (Ω) Max		IDC (A) Max	
		ASPI 0401	ASPI 0602	ASPI 0401	ASPI 0602
2R2	2.2		0.065		3.00
2R7	2.7		0.075		2.60
3R3	3.3		0.080		2.40
3R9	3.9		0.090		2.25
4R7	4.7	0.12	0.100	0.80	2.10
5R6	5.6	0.14	0.105	0.75	1.90
6R8	6.8	0.15	0.110	0.70	1.85
8R2	8.2	0.17	0.120	0.65	1.70
100	10	0.25	0.140	0.60	1.55
120	12	0.28	0.150	0.56	1.40
150	15	0.33	0.170	0.50	1.32
180	18	0.40	0.180	0.48	1.20
220	22	0.45	0.200	0.41	1.05
270	27	0.80	0.300	0.35	0.97
330	33	0.85	0.350	0.32	0.86
390	39	0.95	0.400	0.30	0.80
470	47	1.08	0.600	0.28	0.70
560	56	1.20	0.700	0.26	0.65
680	68	1.35	0.800	0.24	0.60
820	82	1.50	0.900	0.22	0.54
101	100	2.00	1.000	0.20	0.47
121	120	2.20	1.100	0.18	0.41
151	150	3.80	1.200	0.15	0.35
181	180	4.00		0.14	
221	220	4.50		0.12	
271	270	5.20		0.10	

PHYSICAL CHARACTERISTICS



Dimensions: Inches (mm)

	ASPI-0401	ASPI-0602
Length (L)	0.185±0.008 (4.7±0.2)	0.267±0.008 (6.8±0.2)
Width (W)	0.185±0.008 (4.7±0.2)	0.267±0.008 (6.8±0.2)
Thickness (T)	0.11 Max (2.8 Max)	0.157 Max (4.0 Max)

Note: All specifications subject to change without notice.