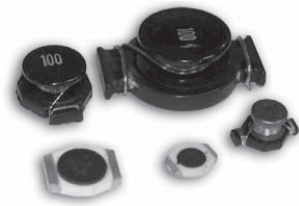


SMD POWER INDUCTORS

ASPI-0706HC SERIES

* RoHS COMPLIANT



STANDARD SPECIFICATIONS:

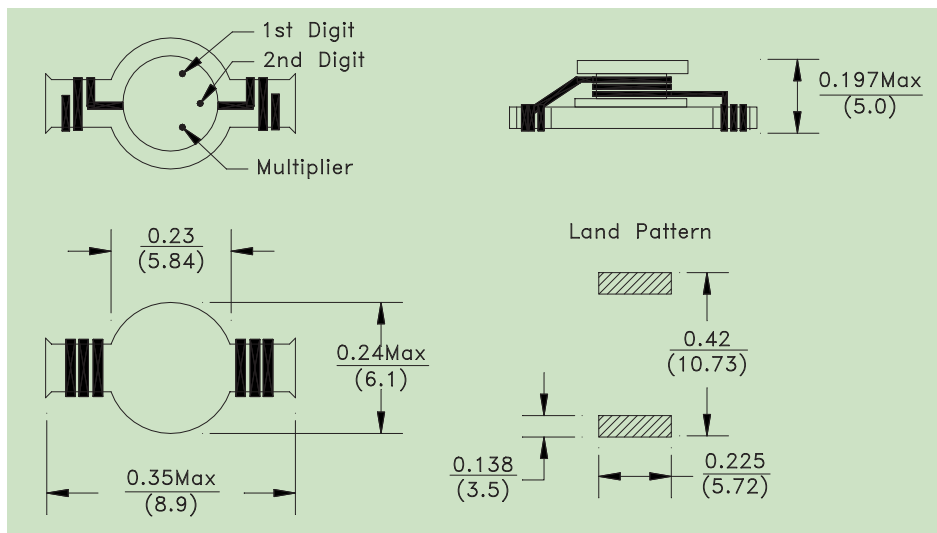
Part Number	L (μ H) $\pm 20\%$	DCR Max ($m\Omega$)	I _{SAT} (A)	I _{RMS} (A)
ASPI-0706HC-R47	0.33	4	10.00	7.0
ASPI-0706HC-R47	0.47	10	7.70	6.0
ASPI-0706HC-R56	0.56	10	7.70	6.0
ASPI-0706HC-1R0	1.0	17	5.35	4.4
ASPI-0706HC-1R5	1.5	20	4.52	4.2
ASPI-0706HC-2R2	2.2	37	3.52	3.1
ASPI-0706HC-3R3	3.3	43	3.00	2.9
ASPI-0706HC-4R7	4.7	55	2.60	2.2
ASPI-0706HC-6R8	6.8	90	2.20	1.7
ASPI-0706HC-100	10	110	1.92	1.5
ASPI-0706HC-150	15	175	1.50	1.2
ASPI-0706HC-220	22	255	1.20	1.0
ASPI-0706HC-330	33	370	1.00	0.82
ASPI-0706HC-470	47	480	0.87	0.72
ASPI-0706HC-600	60	700	0.70	0.60
ASPI-0706HC-680	68	740	0.66	0.58
ASPI-0706HC-101	100	1100	0.54	0.47
ASPI-0706HC-271	270	4000	0.08	0.20

TECHNICAL INFORMATION:

- L_p measured at 100KHz, 0.1 VRMS
- I_{SAT}: is peak current for approx 30% roll-off
- I_{RMS}: 40°C temperature rise max
- Operating Temperature: -40°C to +85°C

Note: All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ABRACON:

[ASPI-0706HC-100M-T](#) [ASPI-0706HC-150M-T](#) [ASPI-0706HC-1R2M-T](#) [ASPI-0706HC-220M-T](#) [ASPI-0706HC-2R2M-T](#)
[ASPI-0706HC-330M-T](#) [ASPI-0706HC-470M-T](#) [ASPI-0706HC-4R7M-T](#) [ASPI-0706HC-R18N-T](#) [ASPI-0706HC-R33N-T](#)
[ASPI-0706HC-R56N-T](#) [MSH302548AH-18.432MHZ-T](#)