

# SMD POWER INDUCTORS



ASPI-0706HC SERIES

\* RoHS COMPLIANT

## STANDARD SPECIFICATIONS:

Part Number	L ( $\mu$ H) $\pm 20\%$	DCR Max ( $m\Omega$ )	I <sub>SAT</sub> (A)	I <sub>RMS</sub> (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<sub>p</sub> measured at 100KHz, 0.1 VRMS
- I<sub>SAT</sub>: is peak current for approx 30% roll-off
- I<sub>RMS</sub>: 40°C temperature rise max
- Operating Temperature: -40°C to +85°C

Note: All specifications subject to change without notice.

## PHYSICAL CHARACTERISTICS:

