

## FEATURES

- Surface mount shielded power inductors
- Magnetic shield : suitable for high density mounting
- High energy storage
- High current capacity - Low resistance
- Large terminal surface provides excellent mechanical strength
- Packed in embossed carrier tape and reel for automatic mounting

## APPLICATIONS

- Storage chokes in DC - DC converters
- EMI suppression chokes in power supplies
- General power inductor use in all kind of electronic equipment

SPI 74					
IND	DCR	Isat	Irms	IND. Tol.	Référence
$\mu\text{H}$	$\text{m}\Omega$	A	A		
1,2					
2,7					
3,9					
5,6					
6,8					
8,2					
10	70	2,1	1,9	M	75550
12	75	1,82	1,8	M	75551
15	85	1,75	1,72	M	75552
18	100	1,61	1,67	M	75553
22	120	1,4	1,5	M	75554
27	140	1,26	1,32	M	75555
33	170	1,05	1,21	M	75556
39	200	0,98	1,06	M	75557
47	240	0,84	1	M	75558
56	270	0,78	0,98	M	75559
68	350	0,75	0,84	M	75560
82	420	0,66	0,78	M	75561
100	470	0,63	0,7	M	75562
120	640	0,56	0,64	M	75563
150	730	0,5	0,55	M	75564
180	980	0,45	0,5	M	75565
220	1130	0,41	0,48	M	75566
270	1380	0,37	0,44	M	75567
330	1650	0,34	0,39	M	75568
390	1830	0,31	0,37	M	75569
470	2050	0,29	0,33	M	75570
560	2570	0,25	0,29	M	75571
680	3000	0,23	0,27	M	75572
820	3750	0,21	0,26	M	75573
1000	4250	0,2	0,23	M	75574

### Inductance tolerances

M : +/- 20 %  
N : +/- 30 %

### Irms

Given for 40 °C  
temperature rise

### Isat

Given for 10 %  
lower inductance

### Measuring frequencies

1V-1kHz

### Operating temperature range

- 25 / +85 °C