

FEATURES

- Surface mount power inductors
- High energy storage and saturation current
- 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

PI 43				
IND	DCR	IDC	IND. Tol.	Référence
μH	m Ω	A		
1				
1,2				
1,8				
2,2				
2,7				
3,3				
3,9				
4,7				
5,6	104	2,4	M	75100
6,8	120	2,2	M	75101
8,2	131	2	M	75102
10	143	1,1	M	75103
12	161	0,99	M	75104
15	186	0,9	M	75105
18	264	0,79	M	75106
22	302	0,74	M	75107
27	378	0,67	M	75108
33	430	0,6	K	75109
39	490	0,55	K	75110
47	712	0,5	K	75111
56	787	0,46	K	75112
68	871	0,43	K	75113
82	1170	0,37	K	75114
100	1390	0,32	K	75115
120				
150				
180				
220				
270				
330				
390				
470				
560				
680				
820				

Inductance tolerances

M : +/- 20 %
K : +/- 10 %

Measuring frequencies

PI42-54 (@8.2 μH) : 1V-100kHz
Others : 1V-1kHz

IDC

Given for 10 % lower inductance
or 40 °C température rise

Operating temperature range

- 25 / +85 °C