

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 53				
IND	DCR	IDC	IND. Tol.	Référence
μH	m Ω	A		
1	26,6	6,79	M	75150
1,2	34	5,56	M	75151
1,8	41,3	4,7	M	75152
2,2	48,9	4,08	M	75153
2,7	55,8	3,6	M	75154
3,3	61,6	3,22	M	75155
3,9				
4,7	87	2,91	M	75156
5,6	98,2	2,66	M	75157
6,8	118	2,26	M	75158
8,2	131	2,11	M	75159
10	153	1,85	M	75160
12	191	1,75	M	75161
15	221	1,57	M	75162
18	318	1,42	M	75163
22	345	1,3	M	75164
27	394	1,15	M	75165
33	481	1,04	M	75166
39	543	0,97	M	75167
47	802	0,89	M	75168
56	905	0,79	M	75169
68	1300	0,75	M	75170
82	1500	0,67	M	75171
100	1700	0,61	M	75172
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