



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
D HPI0420	4.45±0.4	4.06±0.30	2.0±0.30	2.0max	1.1±0.30
Part Number	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
D HPI0420-000.1	0.1	15.0	28.0	3.6	5.0
D HPI0420-000.22	0.22	7.0	14.0	5.3	6.4
D HPI0420-000.33	0.33	6.5	12.0	8.0	9.8
D HPI0420-000.47	0.47	6.0	10.0	14.0	17.0
D HPI0420-000.68	0.68	5.0	8.0	17.0	29.0
D HPI0420-001.0	1	5.0	7.0	23.0	25.6
D HPI0420-001.5	1.5	3.5	6.0	35.0	42.0
D HPI0420-002.2	2.2	3.0	5.0	52.0	64.2
D HPI0420-003.3	3.3	2.5	4.0	75.0	90.0
D HPI0420-004.7	4.7	3.0	4.0	120.0	128.0
D HPI0420-010.0	10	1.5	3.0	278.0	334.0

** : Inductance Tolerance ±20%

Note 1: All test data is referenced to 25°C ambient.

Note 2: I_{dc} : DC current (A) that will cause an approximate ΔT of 40°C

Note 3: (T)I_{sat} : DC current (A) that will cause L_o to drop approximately 25%

(H)I_{sat} : DC current (A) that will cause L_o to drop approximately 30%