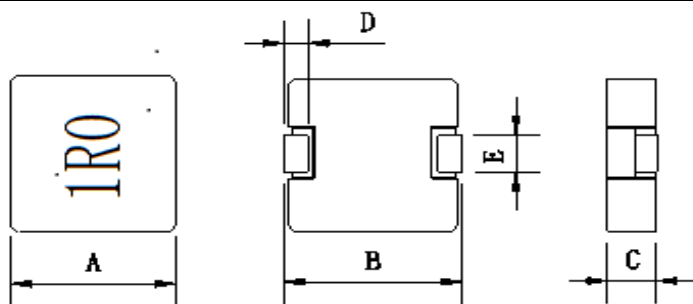


# SMD POWER INDUCTORS:

Seria HPI1040



Series	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
HPI1040	10.3 ± 0.2	10.5 ± 1.0	4.0MAX/4.5MAX	2.0 ± 0.5	3.0 ± 0.3
D HPI1040	L0 Inductance (μH) ±20%	Heat Rating Current Irms (A)	Saturation Current Isat (A)	DCR (mΩ)	
				TYP.	MAX.
D HPI1040-000.22	0.22	30.0	54.0	0.8	1.0
D HPI1040-000.36	0.36	25.0	45.0	1.1	1.4
D HPI1040-000.47	0.47	20.0	35.0	1.2	1.5
D HPI1040-000.56	0.56	18.0	34.0	1.6	1.9
D HPI1040-000.68	0.68	17.0	32.0	1.7	2.0
D HPI1040-000.82	0.82	16.0	28.0	1.8	2.2
D HPI1040-001.0	1.0	15.0	23.0	2.1	2.5
D HPI1040-001.5	1.5	14.0	22.0	4.4	5.3
D HPI1040-002.2	2.2	11.0	18.0	7.0	9.0
D HPI1040-003.3	3.3	10.0	17.0	9.0	11.5
D HPI1040-004.7	4.7	8.0	13.0	12.0	15.0
D HPI1040-005.6	5.6	7.0	12.0	16.0	19.2
D HPI1040-006.8	6.8	6.0	11.0	17.5	21.0
D HPI1040-008.2	8.2	5.5	10.5	27.0	32.0
D HPI1040-010.0	10.0	5.0	9.0	31.0	40.0
D HPI1040-015.0	15.0	4.5	8.5	37.0	45.0
D HPI1040-022.0	22.0	4.0	6.0	55.0	72.0
D HPI1040-033.0	33.0	3.5	5.0	83.0	105.0
D HPI1040-047.0	47.0	3.0	5.0	132.0	158.0
D HPI1040-100.0	100	2.5	4.0	237.0	290.0

Inductance Tolerance ±20%

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

Note 2: Idc : DC current (A) that will cause an approximate ΔT of 40°C

Note 3: Isat : DC current (A) that will cause Lo to drop approximately 30%