



MPI5030P Molding Power Inductor

5.4 x 5.7 x 3.0mm SMD

Part Number	Inductance (μH) @100KHz/1V	D.C.R. ($\text{m}\Omega$) max.	Saturation Current (A) Typ	Temperature rise current (A) Typ
5030P-R20MC	0.20 \pm 20%	3.9	14.5	13
5030P-R47MC (744373360047)	0.47 \pm 20%	8	14	10
5030P-R68MC (744373360068)	0.68 \pm 20%	12	14	8
5030P-1R0MC (74437336010)	1.0 \pm 20%	15	11	7
5030P-1R2MC (74437336012)	1.2 \pm 20%	15	11	6.5
5030P-1R5MC (74437336015)	1.5 \pm 20%	25	10	6
5030P-2R2MC (74437336022)	2.2 \pm 20%	35	8	5
5030P-3R3MC (74437336033)	3.3 \pm 20%	46	7	4.5
5030P-4R7MC (74437336047)	4.7 \pm 20%	60	6	4
5030P-6R8MC (74437336068)	6.8 \pm 20%	110	5	3
5030P-100MC (74437336100)	10 \pm 20%	126	4.5	2.5
5030P-150MC	15 \pm 20%	265	2.5	2.1
5030P-220MC	22 \pm 20%	270	2	2

Type Name	A	B	C	D	E	F	G	H	QTY pcs per Reel
5030P	5.4 \pm 0.35	5.7 \pm 0.2	3.0 Max.	2.0 \pm 0.3	1.5 \pm 0.3	6.0 Ref	2.5 Ref	2.2 Ref	2000

