



# MPI6018P Molding Power Inductor

6.6 x 7.1 x 1.8mm SMD

Part Number	Inductance ( $\mu\text{H}$ ) @100KHz/1V	D.C.R. ( $\text{m}\Omega$ ) max.	Saturation Current (A) Typ	Temperature rise current (A) Typ
6018P-R22MC	0.22 $\pm$ 20%	5.2	29	14
6018P-R33MC	0.33 $\pm$ 20%	6.8	22	12
6018P-R47MC	0.47 $\pm$ 20%	8.4	18	11
6018P-R68MC	0.68 $\pm$ 20%	12.7	17	9
6018P-1R0MC	1.0 $\pm$ 20%	20	14	7
6018P-1R5MC	1.5 $\pm$ 20%	26	12	6.5
6018P-2R2MC	2.2 $\pm$ 20%	35	10	6
6018P-4R7MC	4.7 $\pm$ 20%	70	5	3.5
6018P-6R8MC	6.8 $\pm$ 20%	110	3.5	2.8
6018P-100MC	10 $\pm$ 20%	155	2.5	2.3

Type Name	A	B	C	D	E	F	G	H	QTY pcs per Reel
6018P	6.6 $\pm$ 0.3	7.1 $\pm$ 0.3	1.8 Max.	3.0 $\pm$ 0.3	1.6 $\pm$ 0.5	8.4 Ref	3.5 Ref	3.7 Ref	2000

