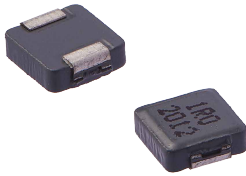


SMD Low Profile High Current Molded Inductor Size 5018

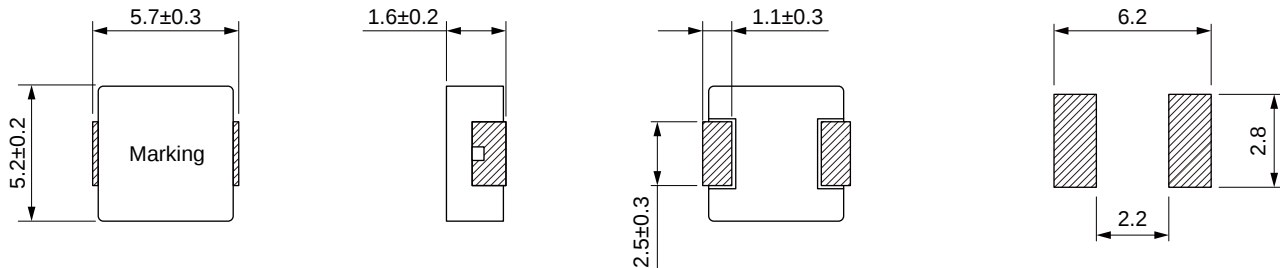


- Molded type
- High saturation current due to CIP material
- Nature air gap and no acoustic noise
- Different sizes available
- Quantity: 3000pcs

- High current DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

	(μ H)			Saturation	(m Ω)	(m Ω)
MD5018-R15N	0.15	$\pm$ 30%	15.5	27	3.5	3.9
MD5018-R22M	0.22	$\pm$ 20%	13		4.2	5.0
MD5018-R33M	0.33	$\pm$ 20%	11	15	7.5	8.6
MD5018-R47M	0.47	$\pm$ 20%	10	14	9.8	11.3
MD5018-R56M	0.56	$\pm$ 20%	9.5	13.5	11	13
MD5018-R68M	0.68	$\pm$ 20%	9.0	13	12.4	14.3
MD5018-1R0M	1.00	$\pm$ 20%	6.8	10	18.2	21
MD5018-1R5M	1.50	$\pm$ 20%	6.0	9.0	26	30
MD5018-2R2M	2.20	$\pm$ 20%	4.5	7.5	42	48.3
MD5018-3R3M	3.30	$\pm$ 20%	3.5	5.0	60	69
MD5018-4R7M	4.70	$\pm$ 20%	3.0	4.5	85	98
MD5018-5R6M	5.60	$\pm$ 20%	2.5	4.0	110	127
MD5018-6R8M	6.80	$\pm$ 20%	2.4	3.5	118	137
MD5018-8R2M	8.20	$\pm$ 20%	2.3	3.0	143	165



Operating temperature : -40℃

Typical Electrical Characteristics:

