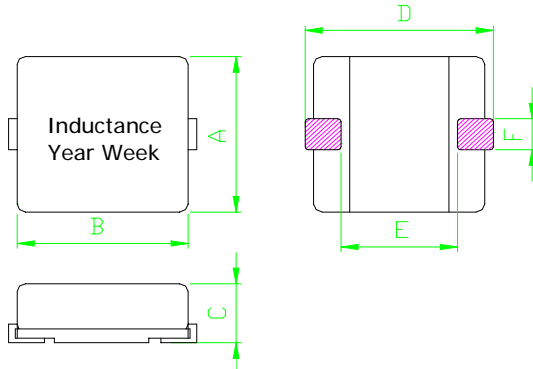


0.60" Package SMD High Power Inductor SC6020 & SC6027 Series



Features:

- Ideal for DC to DC converter. VRM & high density board design
- Low leakage flux, shielded inductor design
- Low profile
- Suitable for IR reflow and wave solder process



Mechanical Dimension (mm)							
PART NUMBER	A Max	B Max	C Max	D Max	E Ref.	F Ref.	T&R Qty
SC6027-xxx	15.6	15.6	7.0	16.0	9.2	2.5	450
SC6020-xxx	15.6	15.6	5.0	16.0	9.2	2.5	550

Electrical Specifications						
Part Number	L μ H	DCR $m\Omega$	Irate	L @	Idc max.	L @
	$\pm 20\%$	$\pm 7\%$	Amps	Irate	Amps	Imax
SC6020-R33M	0.33	0.58	40.0	0.32	60.0	0.29
SC6027-1R5M	1.50	1.30	24.0	1.26	38.0	1.12
SC6027-2R2M	2.20	2.60	17.0	2.05	26.0	1.85
SC6027-3R3M	3.30	3.16	15.0	3.00	23.0	2.70
SC6027-4R7M	4.80	3.74	14.0	4.00	22.0	3.57
SC6027-6R5M	6.50	6.38	12.0	5.40	20.0	4.70
SC6027-8R2M	8.20	7.62	10.0	7.00	19.0	5.80
SC6027-100M	10.00	8.17	9.5	8.6	18.5	7.0



1. Test condition: 300KHz, 0.1V, 25⁰C
2. Irate DC current rating at 40⁰C temperature raise (typical)
3. Imax: DC Current rating at 100⁰C temperature raise (typical)

