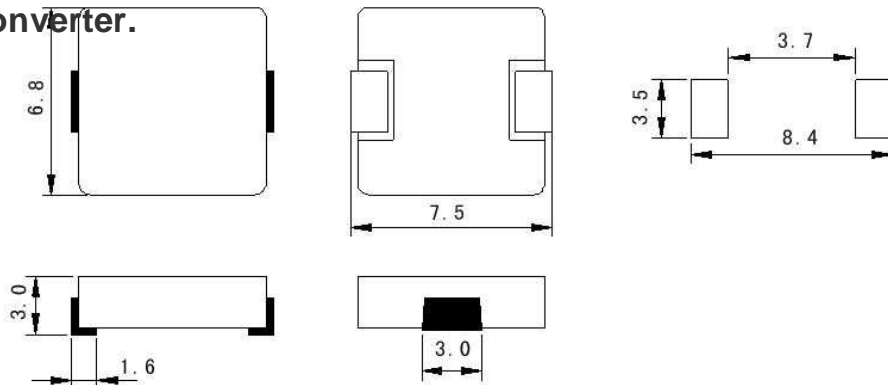


## SMD Power Inductors SM063 Series

SM063 Series ,Ultra low cost,Shielded construction,High current rating up to DC 65Amp,High frequency range up to 5MHz,Very low DC resistance,Low Noise,RoHS compliant.

Mainly used by PDA/Notebook/Desktop/Server applications, DC/DC converter.



Part Number	Inductance (uH) ±20%	DCR(mΩ)		Isat DC Current (A)	Irms DC Current (A)
		Typical	MAX	Typical	Typical
SM063T-R10M-R-S	0.10	1.50	1.70	60.0	32.5
SM063T-R15M-R-S	0.15	1.90	2.50	45.0	30.0
SM063T-R20M-R-S	0.20	2.40	3.00	41.0	24.0
SM063T-R22M-R-S	0.22	2.50	2.80	40.0	23.0
SM063T-R33M-R-S	0.33	3.50	3.90	30.0	20.0
SM063T-R36M-R-S	0.36	2.60	3.90	26.0	20.0
SM063T-R47M-R-S	0.47	4.00	4.20	26.0	17.5
SM063T-R56M-R-S	0.56	4.70	5.00	25.5	16.5
SM063T-R68M-R-S	0.68	5.00	5.50	25.0	15.5
SM063T-R82M-R-S	0.82	6.70	8.00	24.0	13.0
SM063T-1R0M-R-S	1.00	9.00	10.00	22.0	11.0
SM063T-1R5M-R-S	1.50	14.00	15.00	18.0	9.0
SM063T-2R2M-R-S	2.20	18.00	20.00	14.0	8.0
SM063T-2R5M-R-S	2.50	20.00	22.00	14.0	7.0
SM063T-3R3M-R-S	3.30	28.00	30.00	13.5	6.0
SM063T-4R7M-R-S	4.70	37.00	40.00	10.0	5.5
SM063T-5R6M-R-S	5.60	39.00	42.00	6.0	5.5
SM063T-6R8M-R-S	6.80	54.00	60.00	8.0	4.5
SM063T-7R5M-R-S	7.50	54.00	60.00	7.8	4.2
SM063T-8R2M-R-S	8.20	64.00	68.00	7.5	4.0
SM063T-100M-R-S	10.00	102.00	105.00	7.0	3.0

<1>Inductance: 100KHz 0.1V  
 <2>Tolerance of inductance: ±20%  
 <3>Isat: The value of current indicates that inductance drops 20% (Typical) from its initial value  
 <4>Irms: The value of current indicates that the temperature of the coil is increase 40°C (Typical)  
 <5>Test condition :Ta= 25°C

Packing :  
 Reel size: 16 mm  
 Quantity: 1000PCS/Reel

Special inquiries besides the above common used types can be met on your requirement.

### FENFA ELECTRONICS LTD.

Address: Rm 621, 6/F., Shing Yip Industrial Building,  
 19-21 Shing Yip Street, Kwun Tong, Hong Kong  
 Tel: (852) 2372 0880, Fax: (852) 2372 0131  
 E-mail: sales@coilsfenfa.com

<http://www.coilsfenfa.com>  
[fenfa@coilsfenfa.com](mailto:fenfa@coilsfenfa.com)

### FENFA ELECTRONICS (DONGGUAN) CO., LTD.

Address: Xiakeng Industrial District, Changping Town,  
 Dongguan City, Guangdong, China  
 Tel: 86-769-86291668 Fax: 86-769-83999028  
 Hot line: 86-769-89112128 E-mail: fenfa@coilsfenfa.com