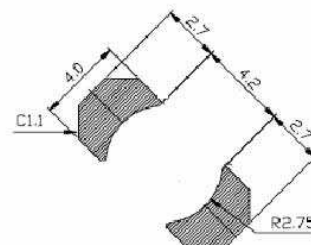
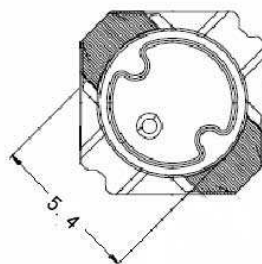
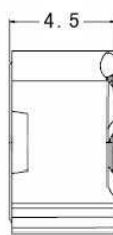
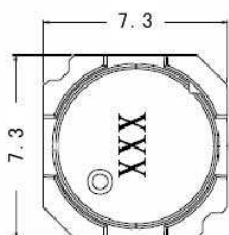


## SMD Power Inductors SFD7D43Y Series

SFD7D43Y Series ,Various high power inductors .high saturation and low DC resistance for surface mounting.

Mainly used by LCD Driver,DSC/DVC,Notebook PC or DC/DC Converter.



TERMINAL

1. Inductance tested at 100KHz, 0.1V;
2. SRF > 13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4.  $\Delta T = 40^\circ\text{C}$  rise typ. at Irms;
5. Operating temperature range  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ ;
6. Electrical specifications at  $+25^\circ\text{C}$ ;

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

PART NO	L(uH)	DCR max (mΩ)	IDC max (A)	TEST FREQ. (Hz)
SFD7D43Y-3R7P	3.7	18.90	6.95	100K/1V
SFD7D43Y-4R7P	4.7	21.40	6.20	100K/1V
SFD7D43Y-5R8P	5.8	24.00	5.60	100K/1V
SFD7D43Y-7R2P	7.2	33.90	4.95	100K/1V
SFD7D43Y-100P	10.0	48.40	4.10	100K/1V
SFD7D43Y-120P	12.0	56.80	3.90	100K/1V
SFD7D43Y-150P	15.0	80.40	3.35	100K/1V
SFD7D43Y-180P	18.0	93.60	3.05	100K/1V
SFD7D43Y-220P	22.0	106.40	2.85	100K/1V
SFD7D43Y-270P	27.0	143.60	2.50	100K/1V
SFD7D43Y-330P	33.0	160.00	2.30	100K/1V
SFD7D43Y-390P	39.0	175.00	2.10	100K/1V
SFD7D43Y-470P	47.0	247.00	1.90	100K/1V
SFD7D43Y-560P	56.0	266.30	1.75	100K/1V
SFD7D43Y-680P	68.0	363.80	1.55	100K/1V
SFD7D43Y-820P	82.0	401.40	1.45	100K/1V
SFD7D43Y-101P	100.0	455.80	1.25	100K/1V

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

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