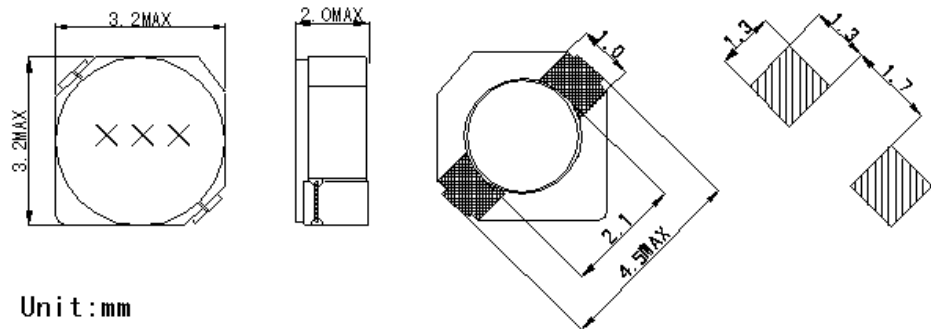


## SMD Power Inductors SFD2D18HP Series

SFD2D18HP Series ,Various high power inductors are superior to be high saturation for surface mounting.

Mainly used by power supply for VRT,OA equipment Digital camera,LCD television set notebook PC,partablecommunication equipments,DC/DC converters, etc.



Unit : mm

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: 12 mm  
Quantity: 2000PCS/Reel

| PART NO               | L(uH) | DCR max (mΩ) | IDC max (A) | TEST FREQ. (Hz) |
|-----------------------|-------|--------------|-------------|-----------------|
| SFD2D18HP-1R7N-R-S-L  | 1.7   | 44           | 1.85        | 100K/1.0V       |
| SFD2D18HP-2R2N-R-S-LF | 2.2   | 60           | 1.6         | 100K/1.0V       |
| SFD2D18HP-3R3N-R-S-LF | 3.3   | 86           | 1.45        | 100K/1.0V       |
| SFD2D18HP-4R7N-R-S-LF | 4.7   | 140          | 1.2         | 100K/1.0V       |
| SFD2D18HP-6R3N-R-S-LF | 6.3   | 160          | 1.05        | 100K/1.0V       |
| SFD2D18HP-100N-R-S-LF | 10    | 245          | 0.85        | 100K/1.0V       |
| SFD2D18HP-150N-R-S-LF | 15    | 345          | 0.7         | 100K/1.0V       |
| SFD2D18HP-220N-R-S-LF | 22    | 611          | 0.57        | 100K/1.0V       |
| SFD2D18HP-330N-R-S-LF | 33    | 910          | 0.46        | 100K/1.0V       |
| SFD2D18HP-470N-R-S-LF | 47    | 1430         | 0.37        | 100K/1.0V       |

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