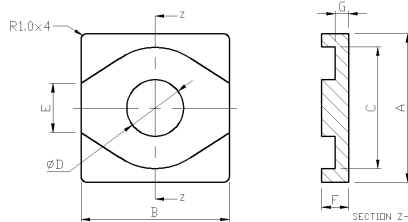


# High Current Sendust Cores (12.7x12.7 Series)

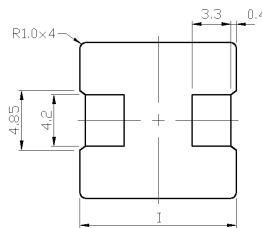
## Description :

Sendust Core (**12.7x12.7 series**) has high operating frequency, high saturation current and can be designed for thermal aging free up to 200°C. The core is not easy breakdown up to 200°C when exposed to elevated environment temperature or generate elevated temperature by itself. A High Current Inductor (low height / low buzz noise / low DCR / low inductance) is consisted by coil and cores ( E+E or E+I ). It can divide to Sendust core, Fe-Si core, High Flux core and suitable for Notebook, Desktop computer, Server, VGA card , DC/DC converter and PDA.



### E core

A : 12.7  
B : 12.7  
F : customized  
G : customized



### I core

H : 12.7  
I : 12.7  
L : customized

## Electrical Specifications (reference only):

No	Core Shape	Total Height	LOA	Bias
1	E + I	6.00mm	0.35uH	46A
2	E + I	6.15mm	0.45uH	32A
3	E + I	6.15mm	0.47uH	32A
4	E + I	6.20mm	0.50uH	35A
5	E + I	9.40mm	0.60uH	38A
6	E + I	3.20mm	0.75uH	21A
7	E + I	7.30mm	0.85uH	29A
8	E + I	5.60mm	0.90uH	20A
9	E + I	6.10mm	1.00uH	30A
10	E + I	5.10mm	1.10uH	20A

No	Core Shape	Total Height	LOA	Bias
11	E + I	7.10mm	1.20uH	20A
12	E + I	4.70mm	1.40uH	20A
13	E + I	5.50mm	2.10uH	20A
14	E + I	5.65mm	2.30uH	22A
15	E + I	3.65mm	2.70uH	10A
16	E + I	6.10mm	3.30uH	30A
17	E + I	6.40mm	3.30uH	30A
18	E + I	4.75mm	3.95uH	10A
19	E + I	4.85mm	5.60uH	16A
20	E + I	7.90mm	10.0uH	12A

\* The reading values are typical only, will changed with different material, dimension and coil.

\* Other materials and custom parts are also available.

# High Current Sendust Cores (12.7 Series)

