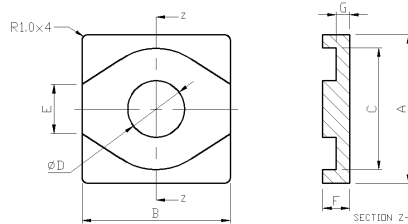
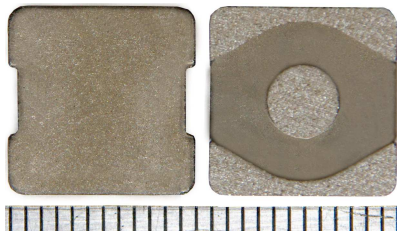


# High Current Sendust Cores (12.1x12.1 Series)

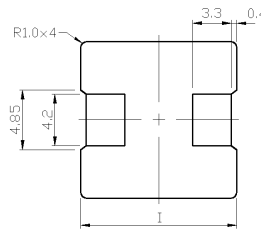
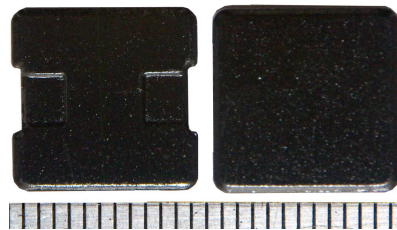
## Description :

Sendust Core (**12.1x12.1 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 : 12.1  
B : 12.1  
F : customized  
G : customized



### I core

H : 12.1  
I : 12.1  
L : customized

## Electrical Specifications (reference only):

No	Core Shape	Total Height	L0A	Bias
1	E + I	5.0mm	0.22uH	30A
2	E + I	6.3mm	0.47uH	30A
3	E + I	7.8mm	0.60uH	25A
4	E + I	7.8mm	2.0uH	20A
5	E + I	5.0mm	2.3uH	15A

No	Core Shape	Total Height	L0A	Bias
6	E + I	7.8mm	2.8uH	15A
7	E + I	7.8mm	7.6uH	8A
8	E + I	6.3mm	12.4uH	7A
9	E + I	7.8mm	14.5uH	8A

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

\* Other materials and custom parts are also available.