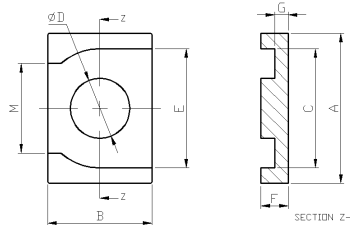
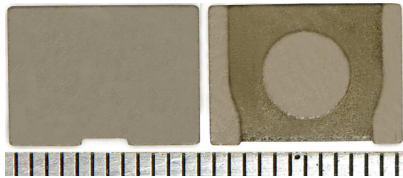


# High Current Sendust Cores (12.5x9 Series)

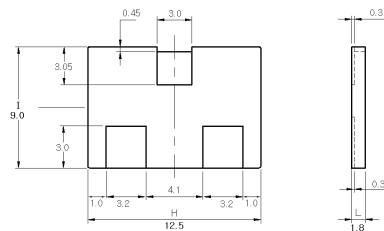
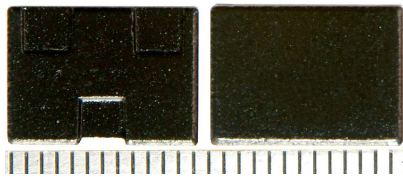
## Description :

Sendust Core (**12.5x9 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 : 12.5  
B : 9.0  
F : customized  
G : customized



### I core

H : 12.5  
I : 9.0  
L : customized

## Electrical Specifications (reference only):

No	Core Shape	Total Height	LOA	Bias
1	E + I	5.4mm	0.9uH	20A
2	E + I	6.3mm	1.0uH	25A
3	E + I	6.0mm	1.1uH	25A

No	Core Shape	Total Height	LOA	Bias
4	E + I	5.0mm	3.2uH	10A
5	E + I	6.0mm	3.8uH	12A
6	E + I	6.0mm	4.3uH	10A

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

\* Other materials and custom parts are also available.