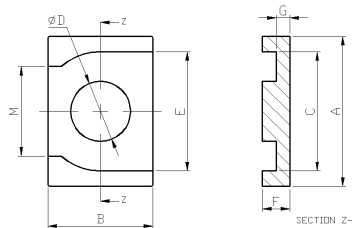
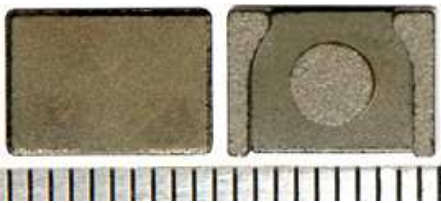


# High Current Sendust Cores (10x7 Series)

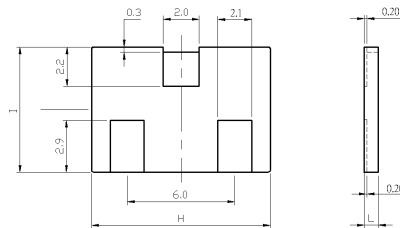
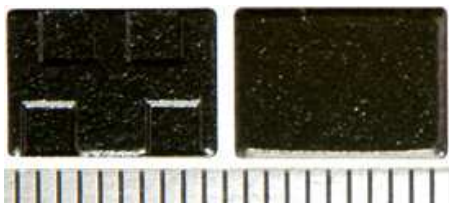
## Description :

Sendust Core (**10x7 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 : 10.0  
B : 7.0  
F : customized  
G : customized



### I core

H : 10.0  
I : 7.0  
L : customized

## Electrical Specifications (reference only):

No	Core Shape	Total Height	L0A	Bias
1	E + I	4.70mm	0.75uH	16A
2	E + I	4.40mm	0.85uH	22A
3	E + I	4.55mm	0.85uH	22A
4	E + I	3.30mm	1.00uH	20A
5	E + I	4.70mm	1.00uH	16A
6	E + I	5.00mm	1.00uH	16A
7	E + I	4.70mm	1.30uH	16A

No	Core Shape	Total Height	L0A	Bias
8	E + I	5.00mm	1.30uH	16A
9	E + I	4.65mm	1.50uH	16A
10	E + I	4.70mm	1.50uH	16A
11	E + I	4.65mm	2.10uH	18
12	E + I	4.70mm	2.10uH	18A
13	E + I	3.85mm	2.30uH	12A
14	E + I	4.75mm	2.80uH	5.5A

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

\* Other materials and custom parts are also available.