

Get high efficiency and low core loss inductor solutions in three compact package sizes



HCM0703



HCF1007



HCF1305

Eaton's high current power inductors provide optimum performance and efficiency in real estate-saving sizes.

Expanded size options offer more selection

- HCM0703-R-Iron powder (7.4x7.0x3.0 mm)
- HCF1007-R-Ferrite (10.3x8.1x6.65 mm)
- HCF1305-R Ferrite (12.5x12.5x5.0 mm)

Pack more power in smaller spaces with greater efficiency

The HCM0703, HCF1007 and HCF1305 exhibit high current carrying capacity and low core losses optimizing power density performance. The utilization of flat wire technology reduces the DCR resulting in improved efficiency.

More applications

The HCM0703, HCF1007 and HCF1305 are designed for a wide range of applications such as Point-of-Load modules (POL), multi-phase regulators, Voltage Regulator Modules (VRM), desktop-notebook and netbook regulators, graphics cards and battery power systems.

Environmentally friendly

Halogen free, lead free and RoHS compliant, these inductors pose minimal impact on the environment or EOL issues.

Design kit

Find out for yourself how good these inductors are.

Design kits with selected ratings from all three high current inductor series are available to qualified engineers. Go to <https://tools.eatonelectronics.com/request-form> and order part number DK01-18694-R.



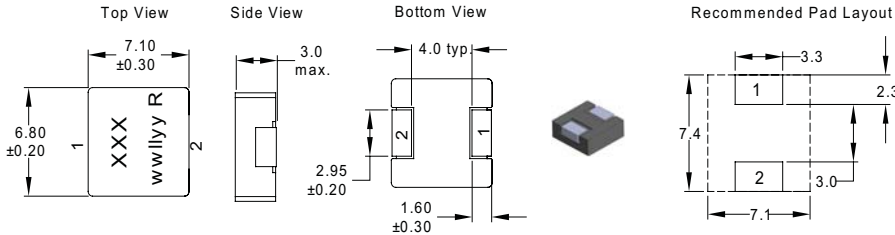
Powering Business Worldwide

Specifications

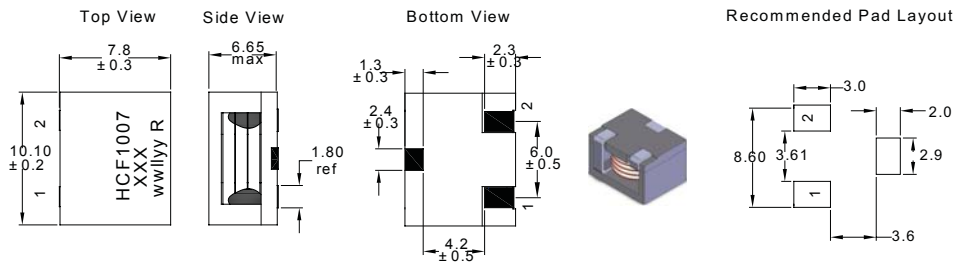
Inductor Family	Core Material	Size (mm)	Inductance (μH)	Current (A)	Max Operating Temperature
HCM0703	Iron powder	7.4 x 7.0 x 3.0	0.15-10.0	3.3-52	125°C
HCF1007	Ferrite	10.3 x 8.1 x 6.65	0.30-10.0	5.3-48	125°C
HCF1305	Ferrite	12.5 x 12.5 x 5.0	0.47-4.7	10.4-36.0	125°C

Dimensions - mm

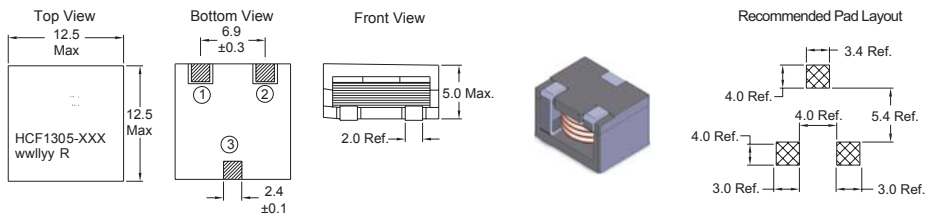
HCM0703



HCF1007



HCF1305



Technical Application Assistance

Call 561-998-4100

E-mail inductortech@eaton.com

Sheets: www.eaton.com/electronics

Order samples on-line: <https://tools.eatonelectronics.com/request-form>

Eaton
Electronics Division
 1000 Eaton Boulevard
 Cleveland, OH 44122 United States
www.eaton.com/electronics

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