C-Cores Assemblies (transformers)

C-Cores assembly, for power applications… This technology applies to harsh environment, vibration and isolation requirements.

Key Benefits

- **Low losses**

Typical application

- Filtering inductors, interphase inductors, autotransformers, multi-pulse transformers...

Technical characteristics

Frequency	Up to several kHz
Insulation class	Up to 240°C
Molding	Epoxy, Polyurethane

Examples of Transformers

Power (kV_A)	Frequency (Hz)	Voltage (In out ,V)	Output current (A)	Material	Weight (kg)	L x W x H* (mm)	Specific features
80	1500	480/48	80/120	Amorphous	153	260 x 400 x 470	Molded Coils, Anti flash finish, Railway application **(1)**
15	50	100/10	1500	FeSi	140	420 x 305 x 385	High Current, Anti flash finish, **(2)**
5	400	3 x 360 3 x 96	30	FeSi	3	100 x 80 x 100	Autotransfo. 12 pulses, molded for cooling and mechanical fixture, aviation application
2,5	2000	2 x 75/170	14.7	FeSi	9	152 x 131 x 163	Anti flash finish, energy application **(3)**
2	400	3 x 200 3 x 400	3	FeSi	2.5	125 x 70 x 90	Autotransformer 12 pulses, military aviation application

***** L = Lengths –W = Width –H = Height

(1)

(2)

(3)