



ECONO-PACs and OCTA-PACs are versatile surface mount magnetic devices that can be used in design applications as single inductors, coupled inductors, or 1:1 transformers providing isolation between the two windings. OCTA-PACs are designed around Kool-Mu™ material which allows maximum power density with lowest core losses. ECONO-PACs, lower cost versions of OCTA-PACs incorporating powdered iron cores, deliver frequency responses to several megaHertz.

Both products may be used in many engineering applications depending on their connection (see Connection Diagrams). When used as inductors, they provide low inductance with high current if wired in parallel, or higher inductance with lower current if wired in series. When used as 1:1 transformers, they provide electrical isolation and extremely wide voltage transformation in the flyback mode.

ECONO-PACs and OCTA-PACs are designed for easy use in any SMT sub-assembly manufacturing process. Supplied in tape and reel packaging, their cases make them ideal "pick-and-place" devices, and each pin #1 is marked for clear identification. ECONO-PACs and OCTA-PACs are suitable for normal exposure to infrared reflow soldering procedures.

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Coiltronics designs and manufactures standard and custom product electromagnetic components. Contact the factory or your Coiltronics representative with your transformer and inductor requirements.

FEATURE - BENEFITS

- Maximum Power Density
- Engineered to Provide High Efficiency through Toroidal Design
- Application Versatility
 - 1:1 Coupled Inductors and
 - 1:1 Isolation Transformers
- Low EMI Radiation
- Models Available for Full Load Current Range of 0.22 to 7.90 ADC
- Available in Tape-and Reel Packaging for Pick-and-Place Utilization.

PACKAGING INFORMATION

ECONO-PACs and OCTA-PACs are available in Tape Reel packaging. The number of devices per reel is dependent on the case size of the device.

Case Size	Quantity Per Reel
-1	1100
-2	800
-3	800
-4	600

ENVIRONMENTAL SPECIFICATIONS

- Storage Temperature Range: -40°C to +125°C.
- Operating Ambient Temperature Range: -40°C to +85°C Range is application specific
- Infrared Reflow Temperature: +240°C for 30 seconds maximum