



**Part number: 140-0005**  
Toroidal power inductor.



Leads are wire of coil which are stripped & tinned to mount on thru-hole circuit board.



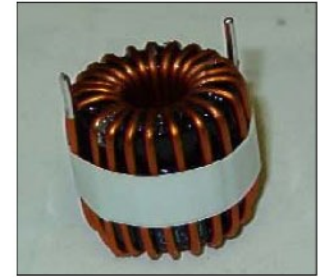
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## Power Inductor

<b>Typical Design:</b>	Bobbin, Toroid
<b>Core Types:</b>	E-I Laminations, Ferrite, E-Core, Ferrite Toroid, Powder Core Toroid, Pot Cores, U Core
<b>Core Materials:</b>	Ferrite, Si steel, F,P,J,W
<b>No Load Inductance:</b>	As per circuit requirement
<b>Full Load Inductance:</b>	As per circuit requirement
<b>DC Current:</b>	Up to 50 Amps
<b>AC Current:</b>	Up to 100 Amps, rms
<b>Operating Frequency:</b>	Typically from 50Hz to 10 kHz.
<b>DC Resistance:</b>	Application Specific
<b>Operating Temperature:</b>	Typically up to 150° C
<b>Hipot:</b>	Up to 3,000 Vac, 1-sec
<b>Mounting:</b>	Thru Hole, SMT, Bracket
<b>Terminals:</b>	Wire Leads

**Notes:**

- o Wound on a variety of standard cores
- o Current capabilities from milliamps to 10+ amps, (design dependent)
- o Multiple windings available



**Part number: 140-0183**  
Wound on a triple stack toroid core increasing core cross sectional area.



Leads are wire of coil & secured with tape to body of coil for thru-hole mounting to circuit board.



Finished coil is dipped in air dry varnish.