

*Providing a dependable product, on time, that meets or exceeds our customer's expectations each and every time.*

# INDUCTORS — CHOKES, FILTERS & RF COILS

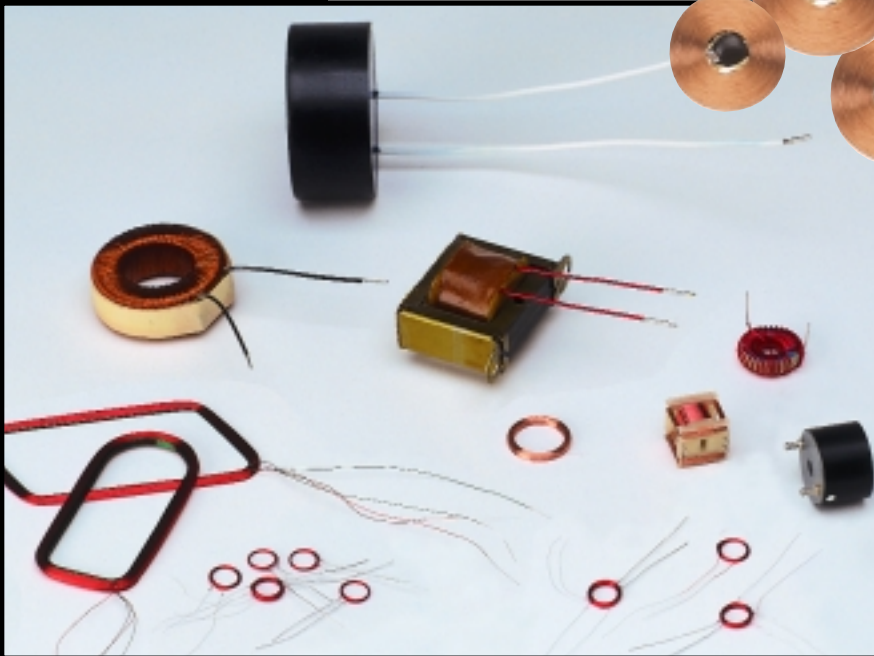
**T**he M.C. DAVIS COMPANY manufactures a wide variety of inductors including AC/DC chokes, filters and air wound RF coils. Inductor designs are manufactured to the standards established by UL, CSA, VDE, and other safety agencies as required. M.C. Davis strives to deliver defect-free, cost effective solutions to our customers.

## SUMMARY OF CAPABILITIES

- DC current range of up to 500Amps
- Wide selection of magnet wire
  - #2 AWG square to #52 AWG
  - Including bondable & high temperature
- PCB, SMT, Self lead termination
- Prototype to high volume production

## MARKET APPLICATIONS

- Aerospace
- Consumer electronics
- Instrumentation & test
- Medical
- Military
- Telecommunication



## MATERIAL CONSIDERATIONS

- Air core
- Ferrite
  - All core geometries
  - Including pot cores
- Laminated
- Powdered iron
- Toroidal

## INDUCTOR TYPES

- High current
- High frequency
- Surface mount
- Bobbin wound
- Encapsulated
- Toroidal
- Common mode
- Buck/Boost
- RF coil
- EMI/RFI suppression
- Foil wound
- Military spec.
- Powerline
- Shielded

**MCD**

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