



THROUGH-HOLE AXIAL HASH CHOKES

CHA SERIES

01,02,03,04,05

FEATURES:

- Wire-wound Construction
- Narrow Design for Densely Populated Boards
- Wide Range of Inductance Values
- Excellent Q Values
- High Reliability

OPTIONS:

- Packaging is Standard
- Tolerance: 20% is Standard, Tighter Tolerances Available
- UL approved Polyolefin shrink tubing

COMMON APPLICATIONS:

- Power supplies
- Amplifiers
- Oscilloscopes
- Medical Equipment
- Converters
- Analyzers

ELECTRICAL CHARACTERISTICS:

| Part Number | L μH | Tol % | DCR Ω Max | IDC Max A | Coil Diameter Inches max | Lead Wire Size | Lead Length in.Inches | Body Length Max Inches | Refer to Figure # | Core Material |
|-------------|---------|----------|-----------------|-----------------|-----------------------------------|----------------------|-----------------------------|------------------------------|----------------------|------------------|
| CHA-01-3R3M | 3.35 | ± 20 | 0.01 | 20 | .60 | 12AWG | 1.25 | 1.25 | A | IRON |
| CHA-01-4R9M | 4.9 | ± 20 | .016 | 15 | .60 | 14AWG | 1.25 | 1.25 | A | IRON |
| CHA-01-8R8M | 8.8 | ± 20 | .021 | 10 | .56 | 16AWG | 1.25 | 1.25 | A | IRON |
| CHA-02-4R0M | 4.0 | ± 20 | .012 | 8.0 | .38 | 20AWG | 1.25 | 1.25 | B | FERRITE |
| CHA-03-400M | 40 | ± 20 | .082 | 3.0 | .31 | 20AWG | 1.25 | 1.25 | C | FERRITE |
| CHA-04-680M | 68 | ± 20 | .054 | 5.0 | .56 | 20AWG | 1.25 | 1.25 | D | FERRITE |
| CHA-05-101M | 100 | ± 20 | .216 | 2.0 | .38 | 20AWG | 1.25 | 1.25 | E | FERRITE |
| CHA-04-125M | 125 | ± 20 | .080 | 3.5 | .50 | 20AWG | 1.25 | 1.25 | D | FERRITE |
| CHA-04-251M | 250 | ± 20 | .170 | 2.5 | .44 | 20AWG | 1.25 | 1.25 | D | FERRITE |
| CHA-04-501M | 500 | ± 20 | .260 | 2.0 | .44 | 20AWG | 1.25 | 1.25 | D | FERRITE |
| CHA-04-102M | 1000 | ± 20 | .550 | 1.0 | .60 | 20AWG | 1.25 | 1.25 | D | FERRITE |

Note: 1. K = ± 10%, M = ± 20%

TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable)
HP4284A @ 1kHz 0.1V
RDC: QuadTech 1880 Milliohm meter
- IDC Max: Lowers inductance by 10%
- Operating temperature: -55°C to +105°C
- Storage Temperature: -40°C to +85°C
- Optional Shrink tube: Flame retardant UL type VW-1
- Marking: Inductance and Tolerance on optional tubing only

Note: All specifications subject to change without notice.

PHYSICAL CHARACTERISTICS:

