



CHA SERIES

Through-Hole Axial Hash Chokes

CHA-01, CHA-02, CHA-03, CHA-04

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

APPLICATIONS

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

Part Number	L μ H	Tol %	DCR Ohm max.	IDC max. A	Coil Dia inch max.	Lead Wire	Lead Length inch	Body Length inch	Fig.	Core Material
CHA-01-3R3M	3.35	± 20	0.01	20	0.6	12AWG	1.25	1.25	A	IRON
CHA-01-4R9M	4.9	± 20	0.016	15	0.6	14AWG	1.25	1.25	A	IRON
CHA-01-8R8M	8.8	± 20	0.021	10	0.56	16AWG	1.25	1.25	A	IRON
CHA-02-4R0M	4	± 20	0.012	8	0.38	20AWG	1.25	1.25	B	FERRITE
CHA-03-400M	40	± 20	0.082	3	0.31	20AWG	1.25	1.25	C	FERRITE
CHA-04-680M	68	± 20	0.054	5	0.56	20AWG	1.25	1.25	D	FERRITE
CHA-05-101M	100	± 20	0.216	2	0.38	20AWG	1.25	1.25	E	FERRITE
CHA-04-125M	125	± 20	0.08	3.5	0.5	20AWG	1.25	1.25	D	FERRITE
CHA-04-251M	250	± 20	0.17	2.5	0.44	20AWG	1.25	1.25	D	FERRITE
CHA-04-501 M	500	± 20	0.26	2	0.44	20AWG	1.25	1.25	D	FERRITE
CHA-04-102M	1000	± 20	0.55	1	0.5	20AWG	1.25	1.25	D	FERRITE

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

