



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	.50	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:

