

SH-CHA SERIES 01,02,03,04,05 THROUGH-HOLE AXIAL HASH CHOKES



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

FEATURES:

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

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

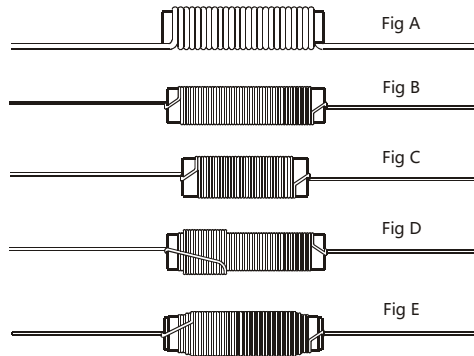
- Power supplies
- Amplifiers
- Oscilloscopes
- Medical Equipment
- Converters
- Analyzers

TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable) HP4284A @1kHz 0.1V
- RDC: QuadTech 1880 Milliohmeter
- 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.

STANDARD SPECIFICATIONS:



Part Number	L μ H	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
SH-CHA-01-3R3M	3.35	\pm 20	0.01	20	.60	12AWG	1.25	1.25	A	IRON
SH-CHA-01-4R9M	4.9	\pm 20	.016	15	.60	14AWG	1.25	1.25	A	IRON
SH-CHA-01-8R8M	8.8	\pm 20	.021	10	.56	16AWG	1.25	1.25	A	IRON
SH-CHA-02-4R0M	4.0	\pm 20	.012	8.0	.38	20AWG	1.25	1.25	B	FERRITE
SH-CHA-03-400M	40	\pm 20	.082	3.0	.31	20AWG	1.25	1.25	C	FERRITE
SH-CHA-04-680M	68	\pm 20	.054	5.0	.56	20AWG	1.25	1.25	D	FERRITE
SH-CHA-05-101M	100	\pm 20	.216	2.0	.38	20AWG	1.25	1.25	E	FERRITE
SH-CHA-04-125M	125	\pm 20	.080	3.5	.50	20AWG	1.25	1.25	D	FERRITE
SH-CHA-04-251M	250	\pm 20	.170	2.5	.44	20AWG	1.25	1.25	D	FERRITE
SH-CHA-04-501M	500	\pm 20	.260	2.0	.44	20AWG	1.25	1.25	D	FERRITE
SH-CHA-04-102M	1000	\pm 20	.550	1.0	.50	20AWG	1.25	1.25	D	FERRITE

Note: 1. K= \pm 10%, M= \pm 20%