

# POWER LINE CHOKE FOR NATIONAL SEMICONDUCTOR APPLICATIONS

This Series of Power Line Chokes has inductances from 100 $\mu$ H to 680 $\mu$ H with saturation currents available from 2.79 Amps to 0.70 Amp. The use of high saturation material make these coils ideal for use in switching regulated power supply type applications. The size of the coils make them easy to install in equipment.

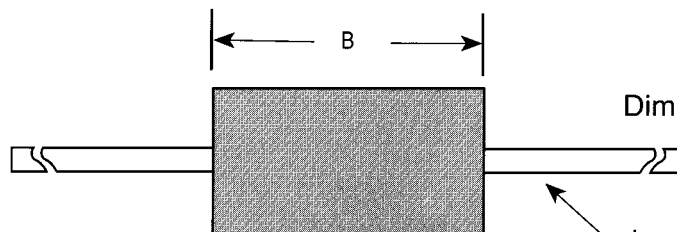
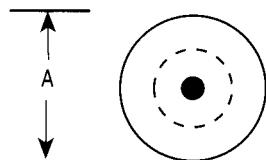
## TYPICAL APPLICATIONS

- Switching Regulators
- Power Amplifiers
- Power Supplies
- SCR and Triac Controls
- RFI Suppression
- Filters

ELECTRICAL SPECIFICATIONS					MAXIMUM PHYSICAL DIMENSIONS			
Renco Part Number	Inductance @ 1KHz $\pm 10\%$ ( $\mu$ H)	Max. DCR (Ohms)	Saturation Current (DC Amps)	Sugg. Rated Current (AC Amps)	A MAX.	B MAX.	Lead Length Min. (in)	Lead Dia. Typ.
RL-1950	680	.575	.70	1.0	.453	.900	1.0	.032
RL-1951	470	.400	.82	1.2	.453	.900	1.0	.032
RL-1952	330	.300	1.00	1.6	.453	.900	1.0	.032
RL-1953	220	.175	1.25	1.6	.453	.900	1.0	.032
RL-1955	100	.090	2.79	1.6	.453	.900	1.0	.032
RL-3901	330	.665	.70	.40	.250	.650	1.0	.032

## MAXIMUM PHYSICAL DIMENSIONS:

ALL  
A .453"  
B .900"



Dimensions in inches

Leads 20 AWG (.032)  
tinned copper. 1" Long Min.