

# L Series



**UL Recognized  
CSA Certified**

Inductive filtering in a direct retrofit to standard unfiltered RJ11, RJ45, or handset jacks. Offered with standard ferrite sleeve inductors or higher performance ferrite blocks, the L series is available with or without a shield.

## Specifications

### Contacts

Material: Phosphor bronze  
 Plating: 50 microinches gold  
 Barrier underplating: 100 microinches nickel  
 Resistance:  
     Initial: 20 milliohms maximum  
     After durability testing  
     (500 mating cycles): 30 milliohms maximum

### Ferrites

Type: High resistivity, nickel zinc ceramic  
 Sleeves: Single-aperture cylinders  
 Block: Multi-aperture rectangular prism

### Shield Material

Solder-plated copper alloy

### Housing Material

Glass-filled polyester (UL94V-0)

### Dielectric Withstanding Voltage

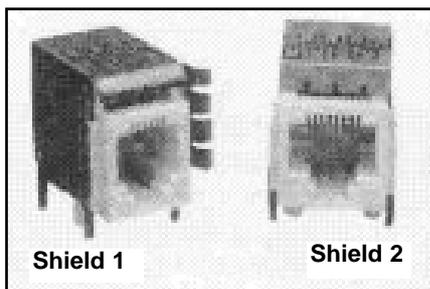
Line-to-line and line-to-ground 1000 VAC for  
 60 seconds

### Printed Circuit Board Retention

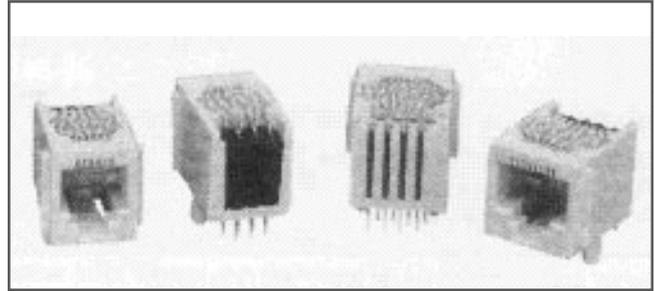
Before soldering: 1 lb. minimum  
 After soldering: 20 lb. minimum

Model dimensions and PC board layout on pages 131 to 133.

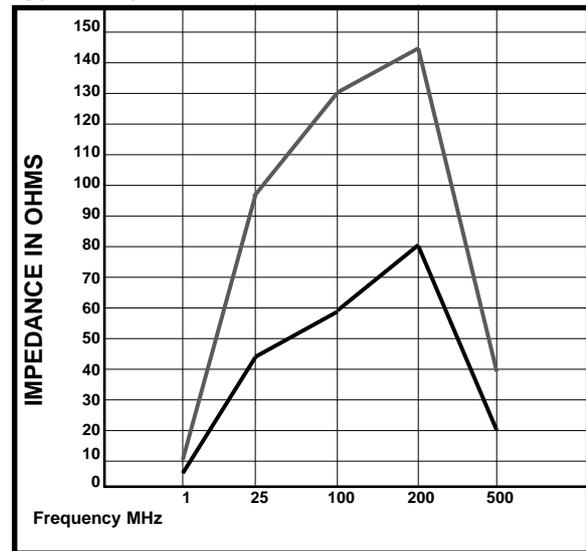
See page 128 for Corcom's new low profile RJ Jacks.



L Model with Shields



Typical Impedance in Ohms



■ Ferrite Block      ■ Ferrite Sleeve

## L Models

### Pricing

Consult your local Corcom sales representative for pricing.

### Inductor Filter

Part No.	Part No.
RJH-4L-B	RJ45-6L-S
RJ11-2L-S	RJ45-6L-B
RJ11-2L-B	RJ45-8L-S
RJ11-4L-S	RJ45-8L-B
RJ11-4L-B	
RJ11-6L-S	
RJ11-6L-B	

### Inductor Filter and Shield

Part No.	Part No.
RJ11-2L2-B	RJ45-6L1-S
RJ11-4L1-S	RJ45-6L1-B
RJ11-4L1-B	RJ45-6L2-S
RJ11-4L2-S	RJ45-6L2-B
RJ11-4L2-B	RJ45-8L1-S
RJ11-6L1-S	RJ45-8L1-B
RJ11-6L1-B	RJ45-8L2-S
RJ11-6L2-S	RJ45-8L2-B
RJ11-6L2-B	