

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.

Ganged version of our L series filtered jacks. Available in RJ11 models with block inductors in gangs of 2, 4, or 6. Retrofits existing unfiltered ganged jack footprints.

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-O)

Dielectric Withstanding Voltage

Line-to-line and line-to-ground	1000 VAC for 60 seconds
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Printed Circuit Board Retention

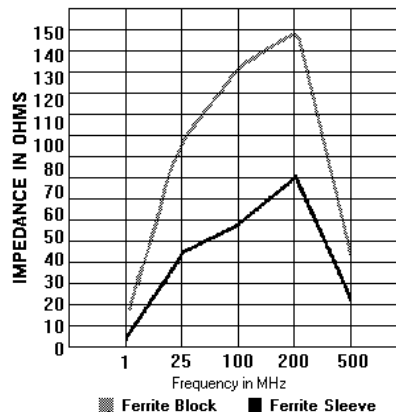
Before soldering:	1 lb. minimum
After soldering:	20 lb. minimum



L Series Ganged Version

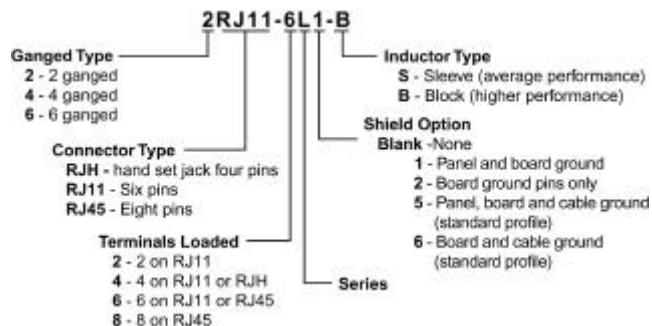


Typical Impedance in Ohms



Ordering Information

Consult your local Corcom sales representative for pricing.

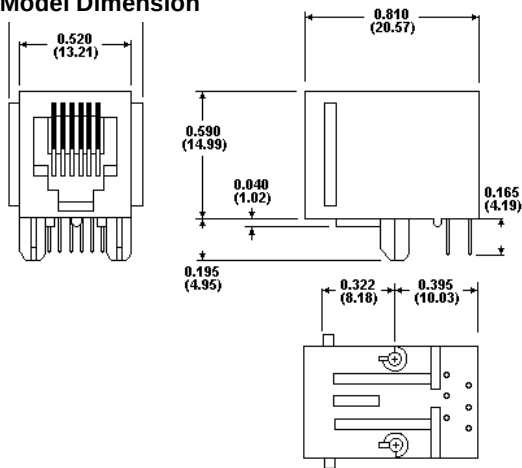


Available Part Numbers

RJ11-2L-B	RJ45-6L-S	2RJ11-6L-B
RJ11-2L-S	RJ45-6L-B	4RJ11-6L-B
RJ11-2L2-B	RJ45-6L1-S	6RJ11-6L-B
RJ11-4L-B	RJ45-6L1-B	
RJ11-4L-S	RJ45-6L2-S	
RJ11-4L1-S	RJ45-6L2-B	
RJ11-4L1-B	RJ45-8L-S	
RJ11-4L2-S	RJ45-8L-B	
RJ11-4L2-B	RJ45-8L1-S	
RJ11-6L-B	RJ45-8L1-B	
RJ11-6L-S	RJ45-8L2-S	
RJ11-6L1-S	RJ45-8L2-B	
RJ11-6L1-B		
RJ11-6L2-S		
RJ11-6L2-B		

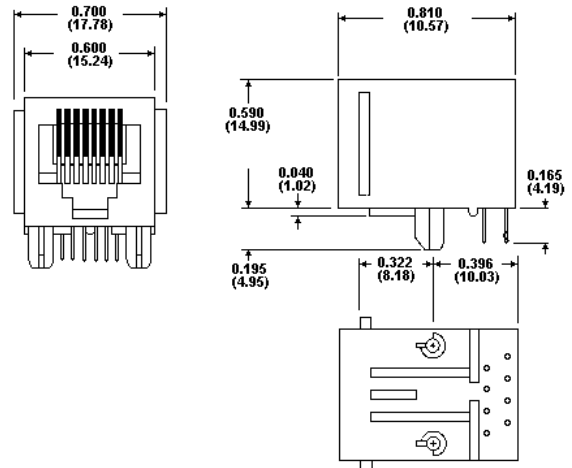
RJ11 (No Shield)

Model Dimension



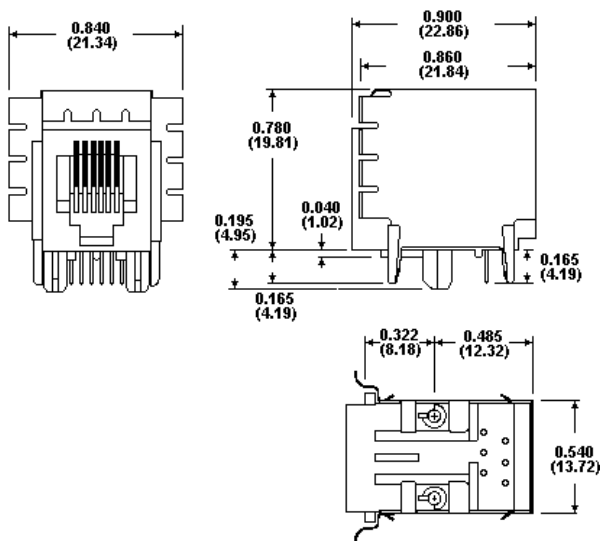
RJ45 (No Shield)

Model Dimension



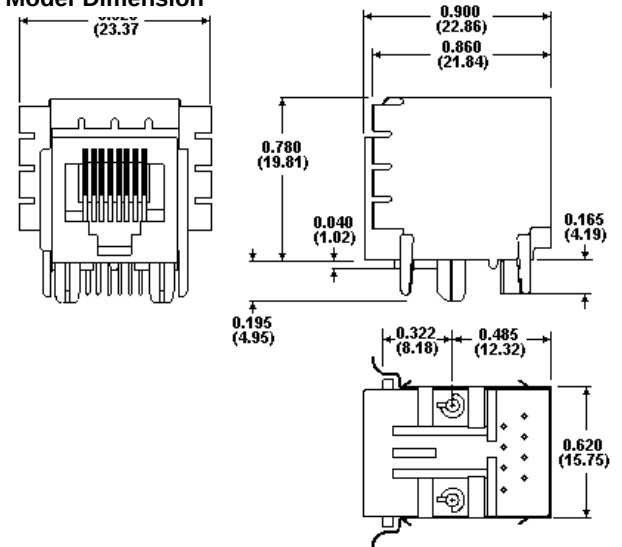
RJ11 (Style 1 Shield)

Model Dimension



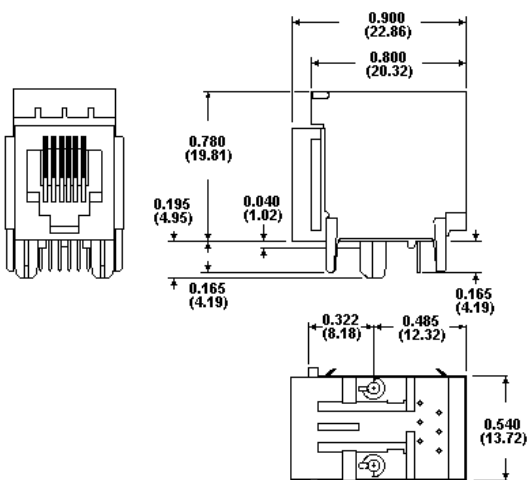
RJ45 (Style 1 Shield)

Model Dimension



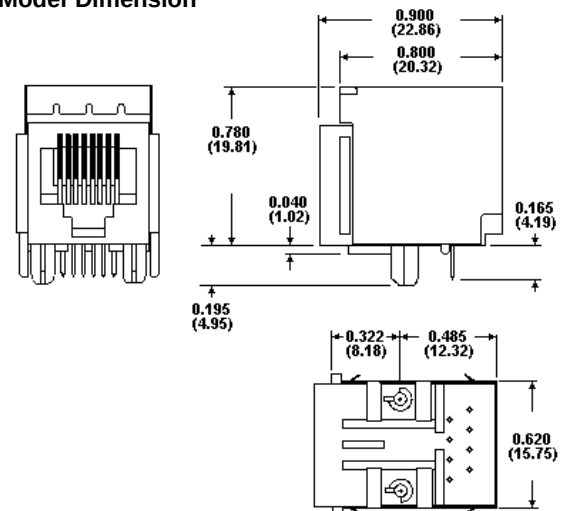
RJ11 (Style 2 Shield)

Model Dimension



RJ45 (Style 2 Shield)

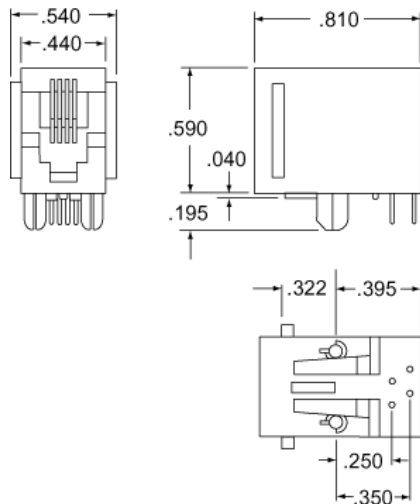
Model Dimension



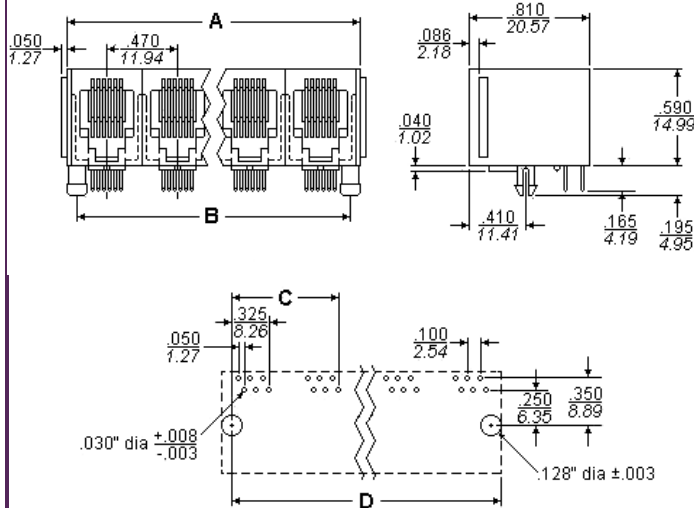
L Series

RJH (No Shield)

Model Dimension



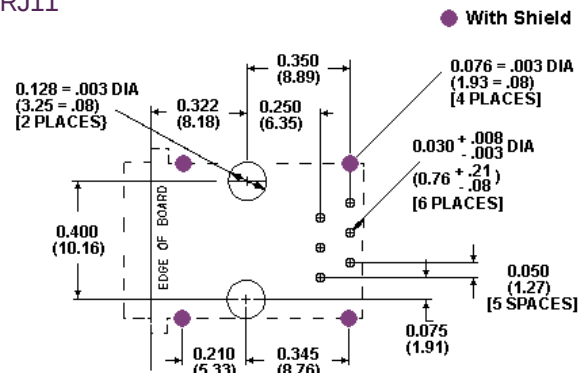
Model Dimensions and PC Board Layout



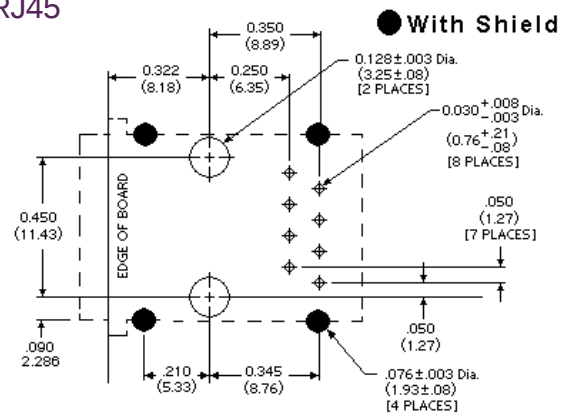
Ports	A	B	C	D
2	<u>.99</u> 25.15	<u>.87</u> 22.1	<u>.795</u> 20.19	<u>.87</u> 22.1
4	<u>1.93</u> 49.02	<u>1.81</u> 45.97	<u>1.735</u> 44.07	<u>1.81</u> 45.97
6	<u>2.87</u> 72.9	<u>2.75</u> 69.85	<u>2.675</u> 67.95	<u>2.75</u> 69.85

PC Board Layouts

RJ11



RJ45



RJH

