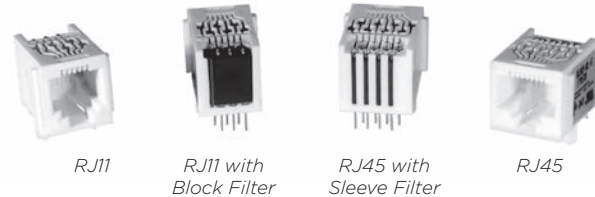


Inductive Filtering Modular RJ Jacks

L Series



UL Recognized
CSA Certified



L Series

- Inductive filtering in standard RJ11, RJ45, or handset jacks.
- Available with standard ferrite sleeve inductors or higher performance ferrite blocks
- Available unshielded or shielded with board grounded shield or spring fingered panel ground interface

Available Part Numbers

Inductor Filter	
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	
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	

Shield 2



Shield 1



Specifications

Contacts:

Material:	Phosphor Bronze
Plating:	50 microinches gold
Barrier underplating:	100 microinches nickel
Resistance:	
Initial:	20 mΩ max.
After 500 mating cycles:	30 mΩ max.

Ferrites:

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

Shield Material:

Tin-plated copper alloy

Housing Material:

Glass-filled polyester (UL94V-0)

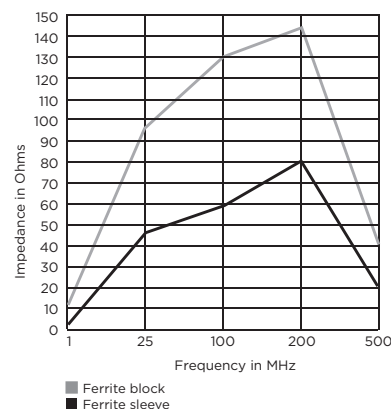
Dielectric Withstanding Voltage:

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

Typical Impedance in Ohms



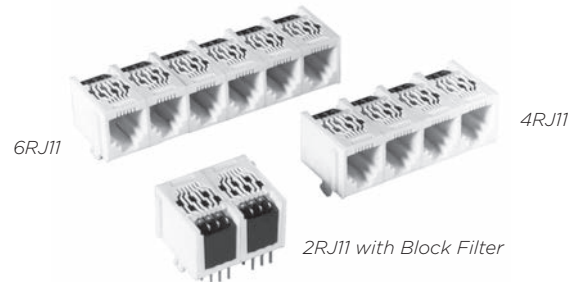
Model dimensions and PC board layout on pages 255-259

Inductive Filtering Ganged Modular RJ Jacks

L – Ganged Series



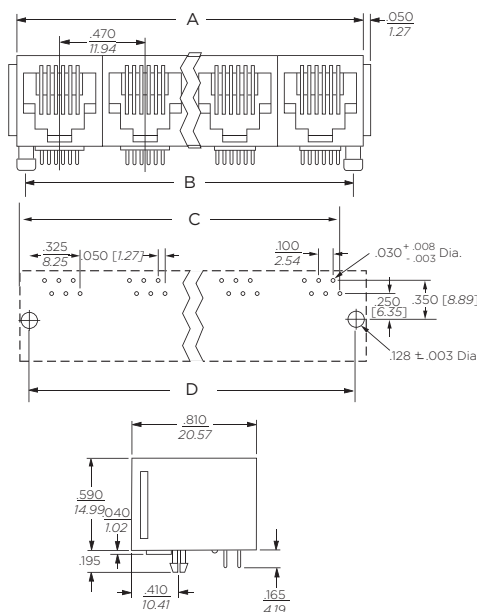
UL Recognized
CSA Certified



L – Ganged Series

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

Dimensions and PC Board Layout



Ports	A	B	C	D
2	0.99 25.15	0.87 22.1	0.795 20.19	.87 22.1
4	1.93 49.02	1.81 45.97	1.735 44.07	1.81 25.97
6	2.87 72.9	2.75 69.85	2.675 67.95	2.75 69.85

Specifications

Contacts:
Material: Phosphor Bronze
Plating: 50 microinches gold
Barrier underplating: 100 microinches nickel
Resistance:
Initial: 20 mΩ max.
After 500 mating cycles: 30 mΩ max.

Ferrites:
Type: High resistivity, nickel zinc ceramic
Block: Multi-aperture rectangular prism

Housing Material: Glass-filled polyester (UL94V-0)

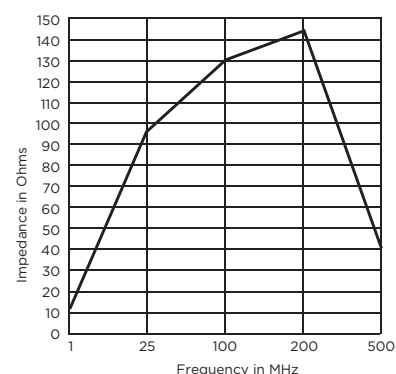
Dielectric Withstanding Voltage:
Line to Line and Line to Ground: 1000 VAC for 60 seconds

Printed Circuit Board Retention:
Before soldering: 1 lb. minimum
After soldering: 20 lb. minimum

Available Part Numbers

2RJ11-6L-B	4RJ11-6L-B
6RJ11-6L-B	

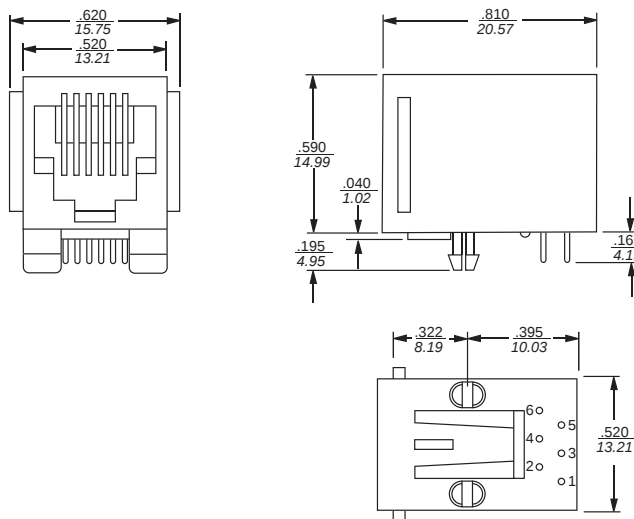
Typical Impedance in Ohms



Model Dimensions

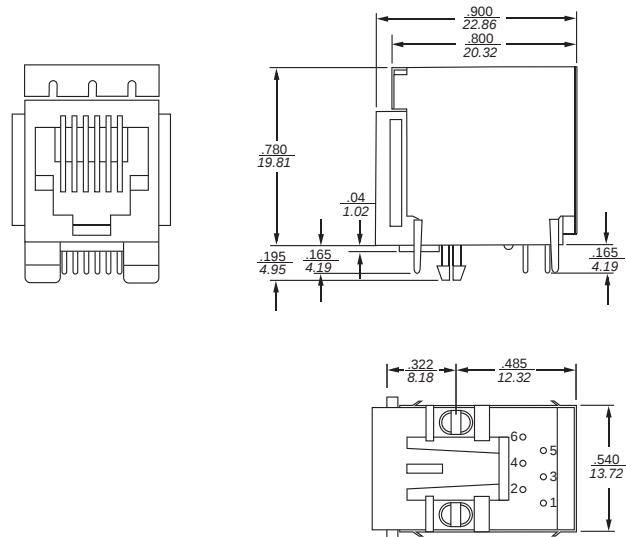
L, LC, LCT and X Series RJ Jack Dimensions

RJ11 - No Shield



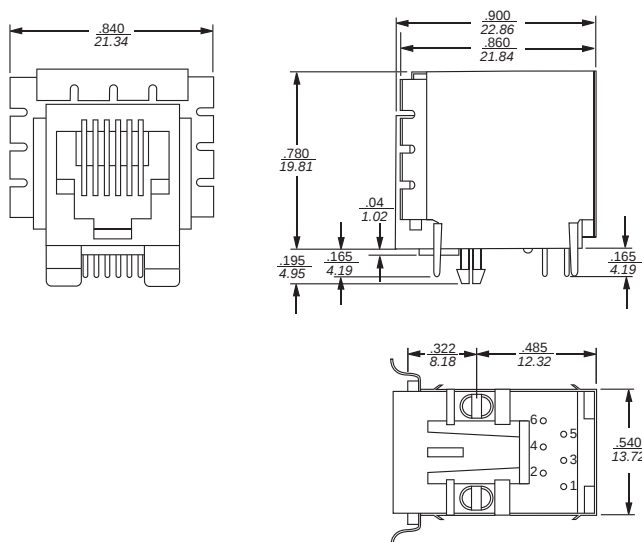
Part No.		
RJ11-2L-S	RJ11-2L-B	RJ11-2X
RJ11-4L-S	RJ11-4L-B	RJ11-4X
RJ11-6L-S	RJ11-6L-B	RJ11-6X

RJ11 - Style 2 Shield



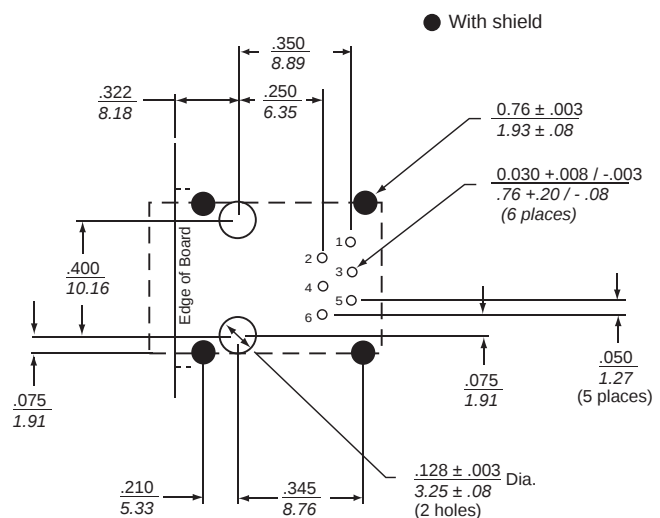
Part No.			
RJ11-2LC2-S	RJ11-2LC2-B	RJ11-4L2-S	RJ11-6L2-B
RJ11-4LC2-S	RJ11-4LC2-B	RJ11-6L2-S	RJ11-6LCT2-S
RJ11-6LC2-S	RJ11-6LC2-B	RJ11-4L2-B	RJ11-6LCT2-B

RJ11 - Style 1 Shield



Part No.			
RJ11-2LC1-S	RJ11-2LC1-B	RJ11-4L1-S	RJ11-6L1-B
RJ11-4LC1-S	RJ11-4LC1-B	RJ11-6L1-S	RJ11-6LCT1-S
RJ11-6LC1-S	RJ11-6LC1-B	RJ11-4L1-B	RJ11-6LCT1-B

RJ11 - PC Board Layout



For all RJ11 L, LC, LCT and X Series Models
Shown from Component Side

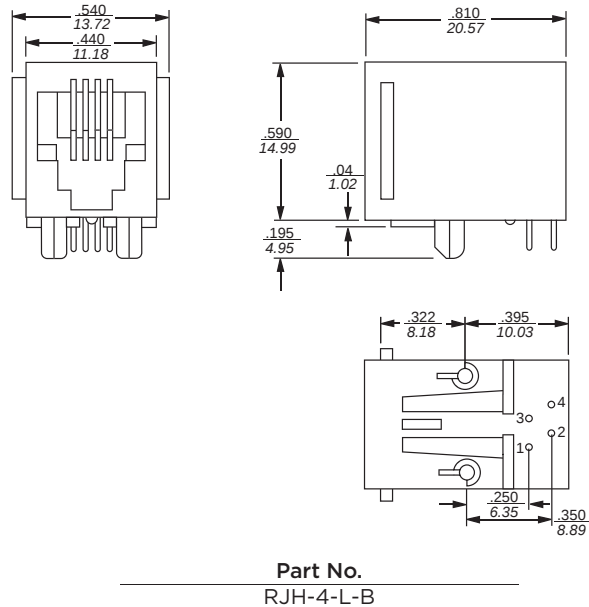
All tolerances ± 0.010 [0.25] unless otherwise noted

For email, phone or live chat, please go to
te.com/help
corcom.com

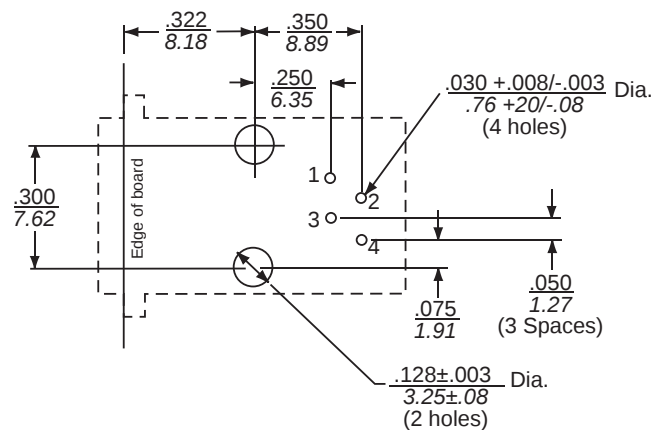
Model Dimensions *(continued)*

L, LC, LCT and X Series RJ Jack Dimensions *(continued)*

RJH - No Shield

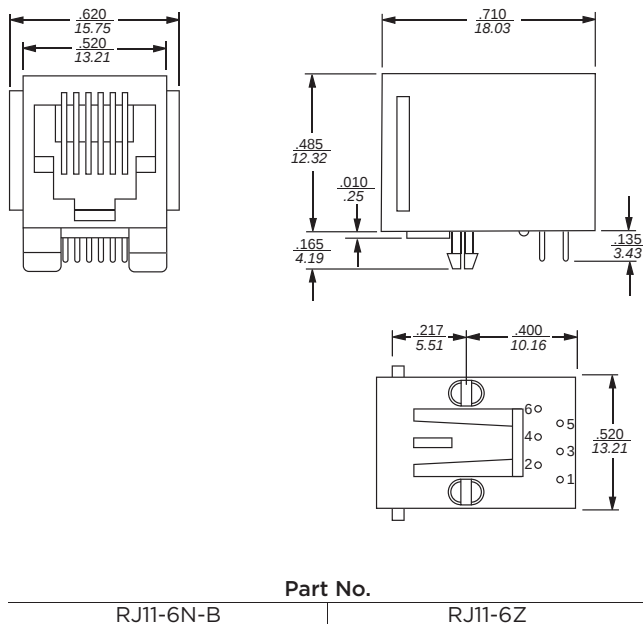


RJH - PC Board Layout

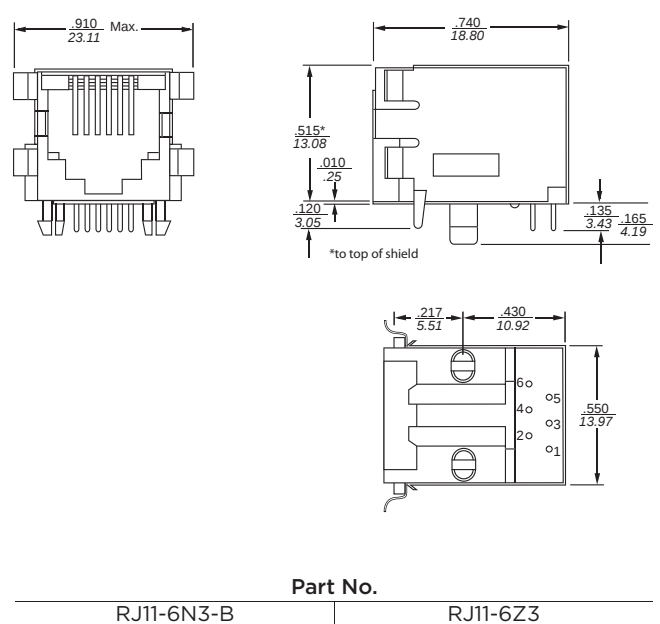


N and Z Series RJ Jack Dimensions

RJ11 - Low Profile, No Shield



RJ11 Low Profile, Style 3 Shield

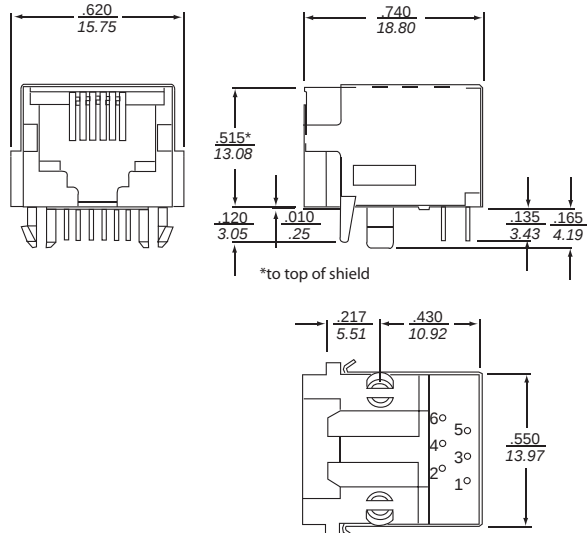


All tolerances ± 0.010 [0.25] unless otherwise noted

Model Dimensions (continued)

N and Z Series RJ Jack Dimensions (continued)

RJ11 Low Profile, Style 4 Shield

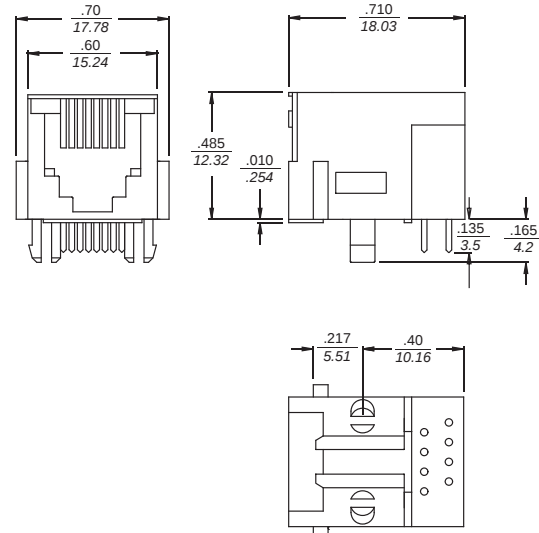


Part No.

RJ11-6N4-B

RJ11-6Z4

RJ45 - Low Profile, No Shield



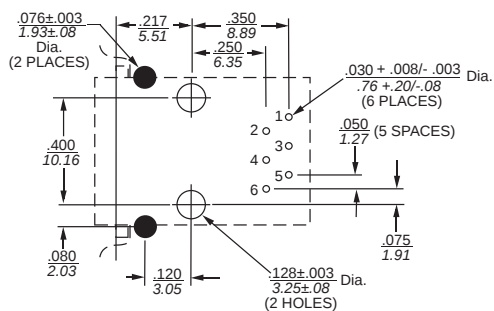
Part No.

RJ45-8N-B

RJ45-8N-S

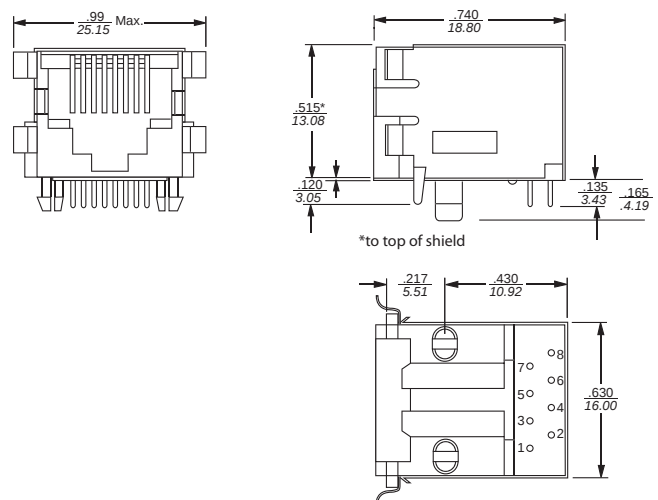
RJ45-8Z

RJ11 Low Profile, PC Board Layout



For all RJ11 N and Z Series Models
Shown from Component Side

RJ45 - Low Profile, Style 3 Shield



Part No.

RJ45-8N3-B

RJ45-8N3-S

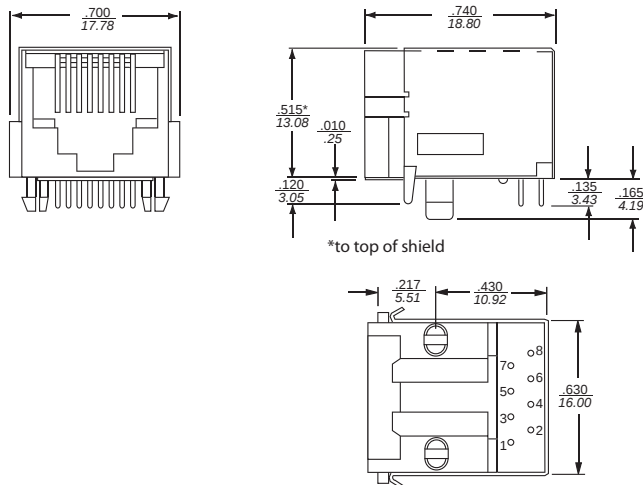
RJ45-8Z3

All tolerances ± 0.010 [0.25] unless otherwise noted

Model Dimensions *(continued)*

N and Z Series RJ Jack Dimensions *(continued)*

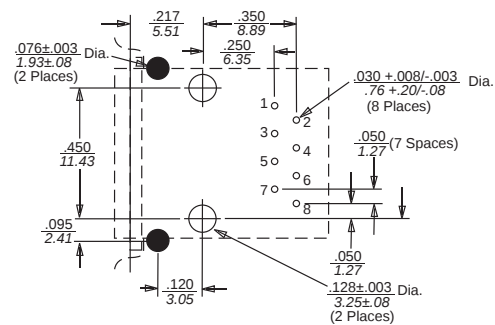
RJ45 Low Profile, Style 4 Shield



Part No.

RJ45-8N4-B	RJ45-8N4-S	RJ45-8Z4
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RJ45 Low Profile PC Board Layout



For all RJ45 N and Z Series Models
Shown from Component Side

All tolerances ± 0.010 [0.25] unless otherwise noted

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[RJ11-4L-B](#) [RJ11-6L2-S](#) [RJ45-8L2-S](#) [RJ11-4L2-B](#)