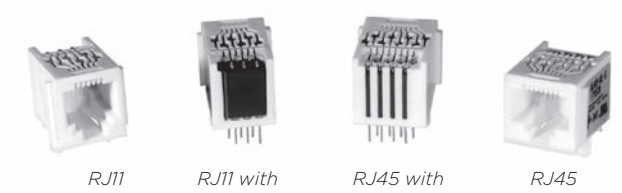
L Series

UL Recognized
CSA Certified



RJ11 *RJ11 with Block Filter* *RJ45 with Sleeve Filter* *RJ45*

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

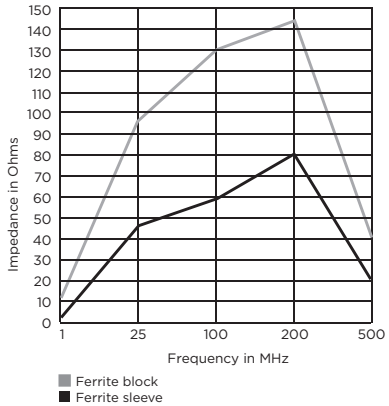
Shield Material: Tin-plated copper alloy

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



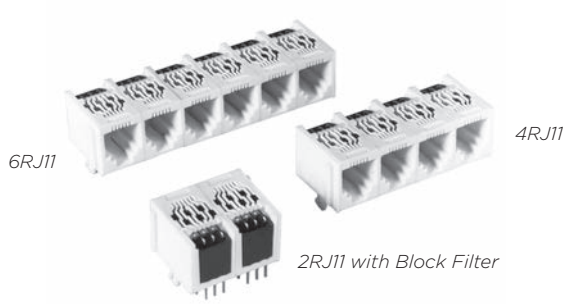
Model dimensions and PC board layout on pages 255-259

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

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L – Ganged Series

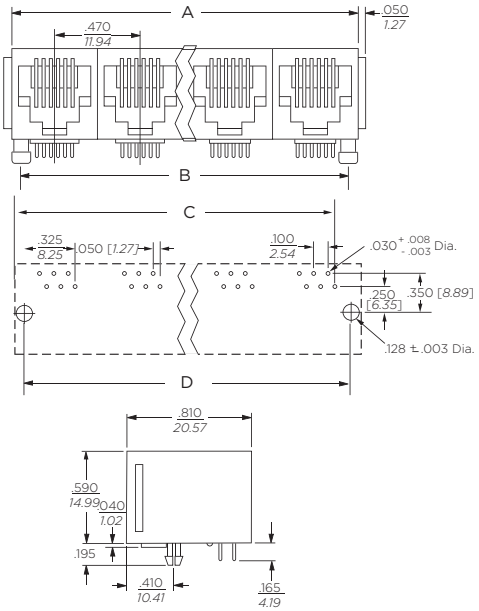
UL Recognized
CSA Certified



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

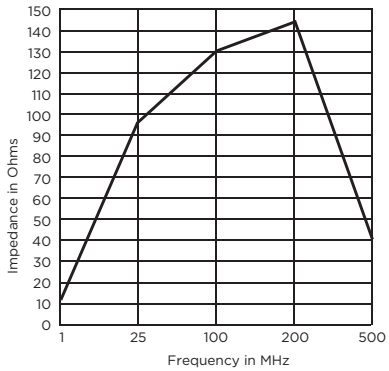
Printed Circuit Board Retention:

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

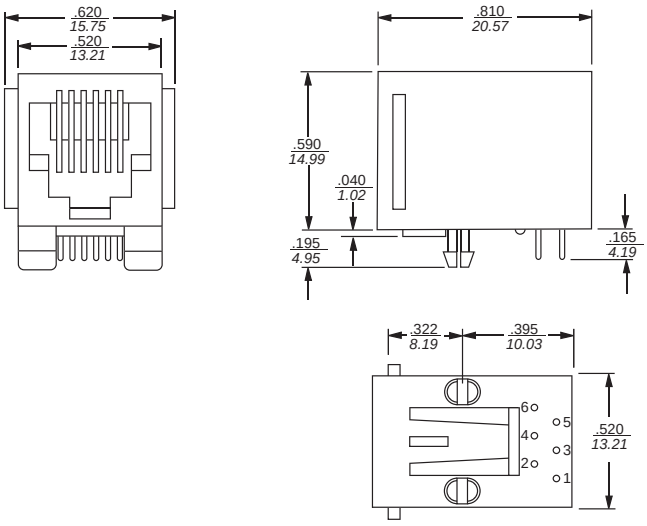


Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

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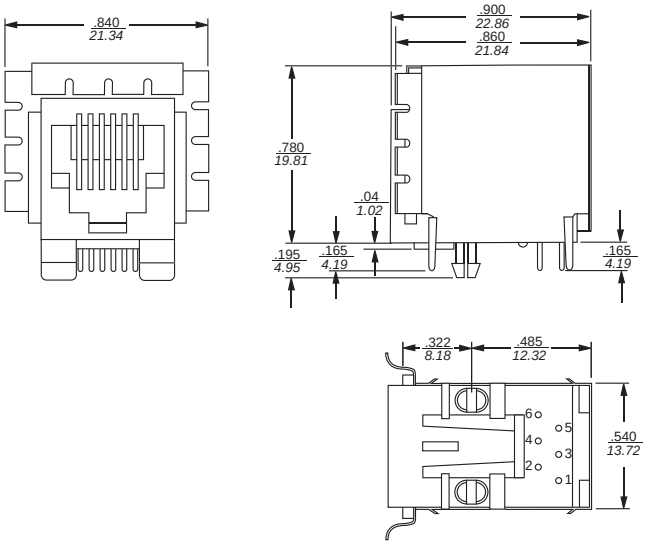
L, LC, LCT and X Series RJ Jack Dimensions

RJ11 – No Shield



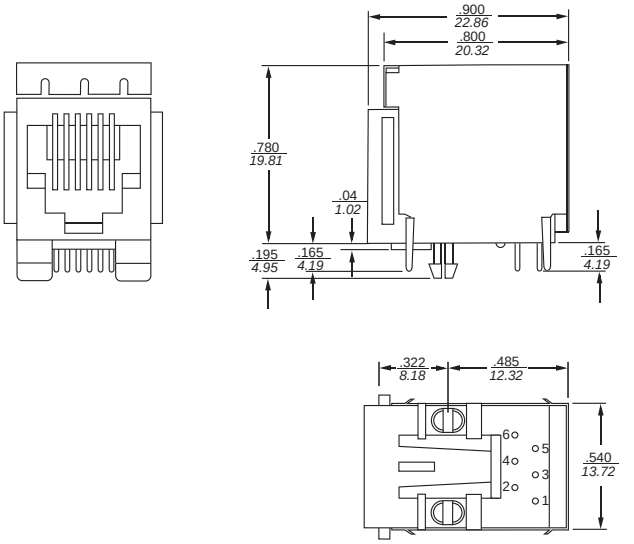
Part No.		
RJ11-2L-S	RJ11-2L-B	RJ11-2X
RJ11-4L-S	RJ11-4L-B	RJ11-4X
RJ11-6L-S	RJ11-6L-B	RJ11-6X

RJ11 – Style 1 Shield



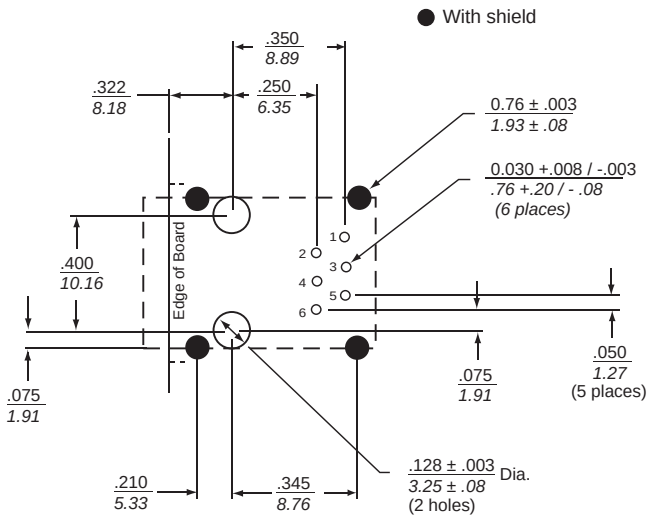
Part No.			
RJ11-2LC1-S	RJ11-2LC1-B	RJ11-4L1-S	RJ11-6L1-B
RJ11-4LC1-S	RJ11-4LC1-B	RJ11-6L1-S	RJ11-6LCT1-S
RJ11-6LC1-S	RJ11-6LC1-B	RJ11-4L1-B	RJ11-6LCT1-B

RJ11 – 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 – PC Board Layout



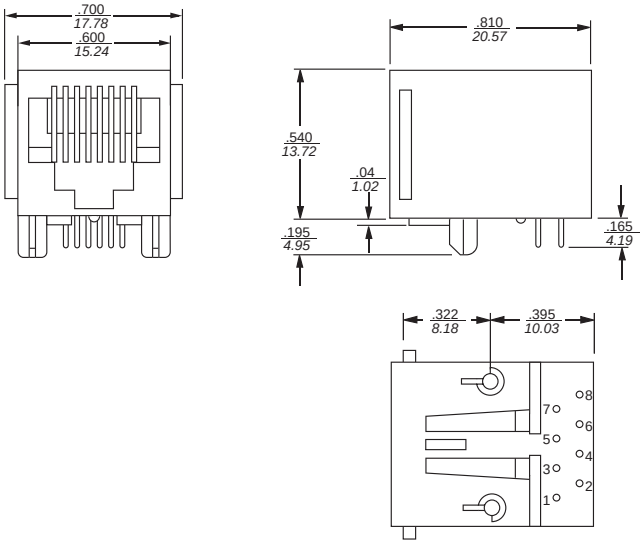
For all RJ11 L, LC, LCT and X Series Models Shown from Component Side

All tolerances ± 0.010 [0.25] unless otherwise noted

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

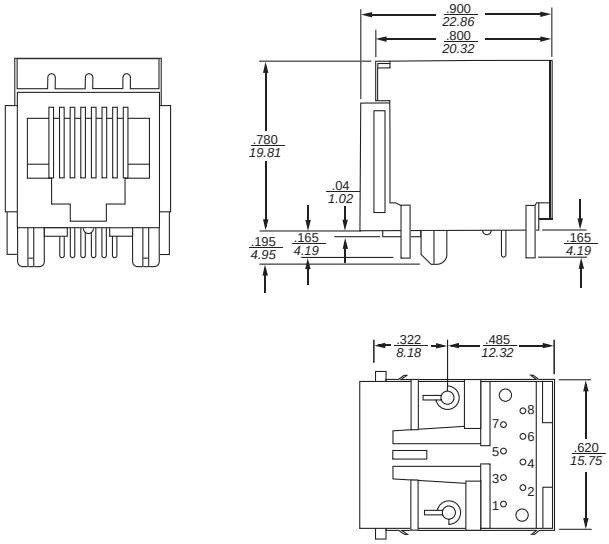
L, LC, LCT and X Series RJ Jack Dimensions *(continued)*

RJ45 – No Shield



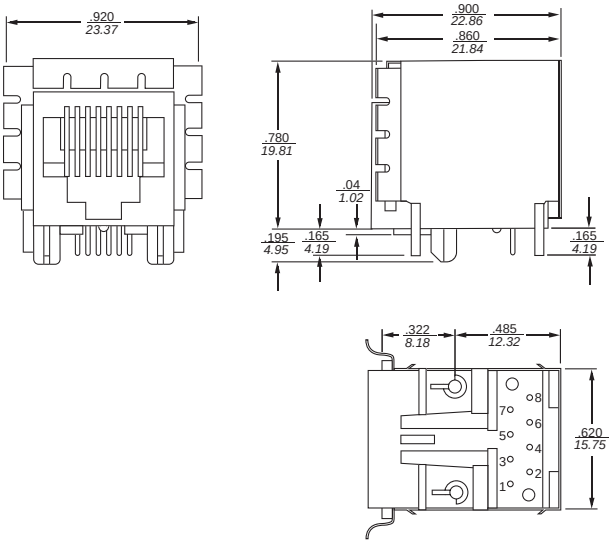
Part No.	
RJ45-6L-S	RJ45-8L-B
RJ45-8L-S	RJ45-6X
RJ45-6L-B	RJ45-8X

RJ45 – Style 2 Shield



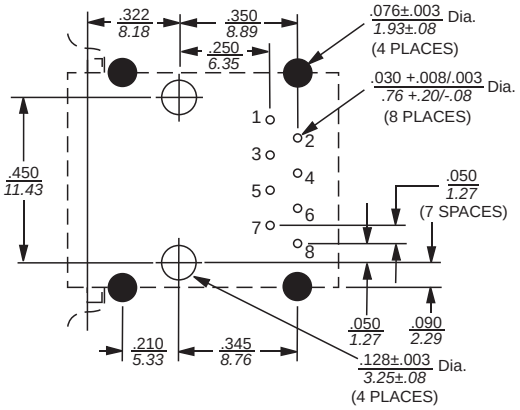
Part No.			
RJ45-6LC2-S	RJ45-8LC2-S	RJ45-6LC2-B	RJ45-8LC2-B
RJ45-6L2-S	RJ45-8L2-S	RJ45-6L2-B	RJ45-8L2-B
RJ45-8LCT2-S	RJ45-8LCT2-B		

RJ45 – Style 1 Shield



Part No.		
RJ45-6LC1-S	RJ45-8LC1-S	RJ45-6LC1-B
RJ45-6L1-S	RJ45-8L1-S	RJ45-6L1-B
RJ45-8LCT1-S	RJ45-8LCT1-B	RJ45-8LC1-B
		RJ45-8L1-B

RJ45 – PC Board Layout



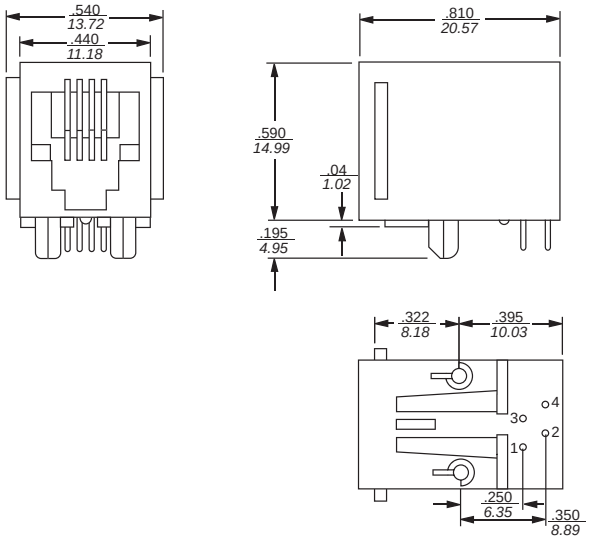
For all RJ45 L, LC, LCT and X Series Models Shown from Component Side

All tolerances ± 0.010 [*0.25*] unless otherwise noted

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

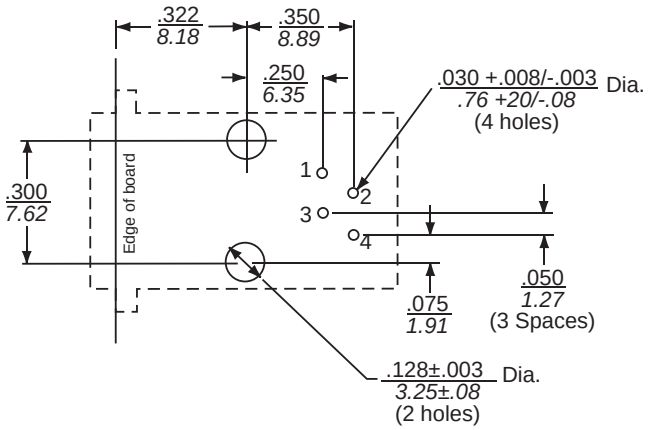
L, LC, LCT and X Series RJ Jack Dimensions *(continued)*

RJH – No Shield



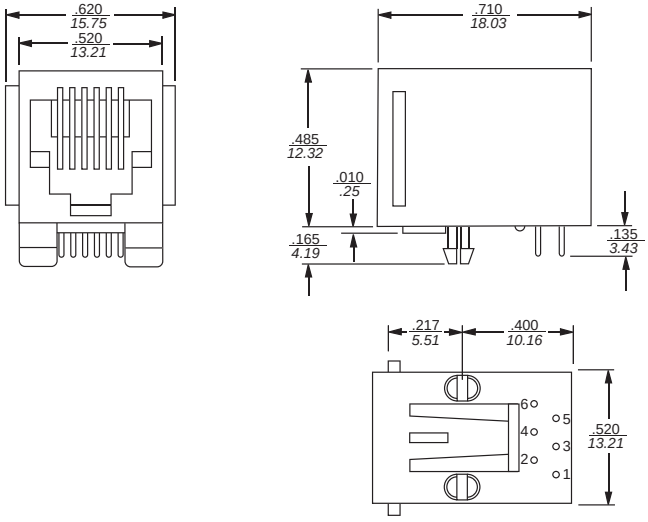
Part No.
RJH-4-L-B

RJH – PC Board Layout



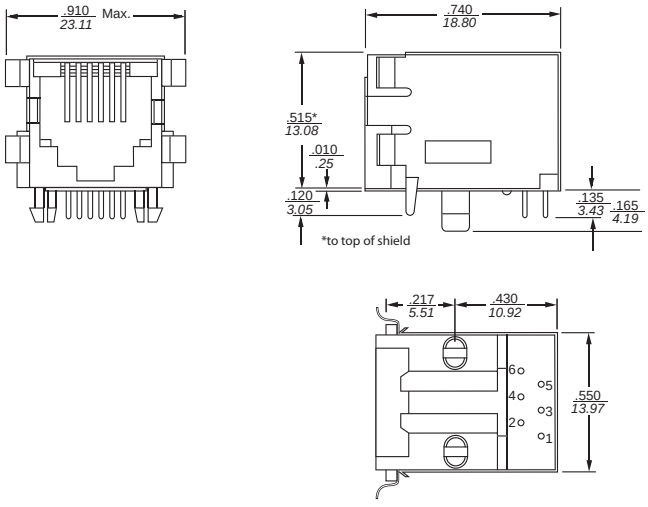
N and Z Series RJ Jack Dimensions

RJ11 – Low Profile, No Shield



Part No.	
RJ11-6N-B	RJ11-6Z

RJ11 Low Profile, Style 3 Shield



Part No.	
RJ11-6N3-B	RJ11-6Z3

All tolerances ± 0.010 [*0.25*] unless otherwise noted

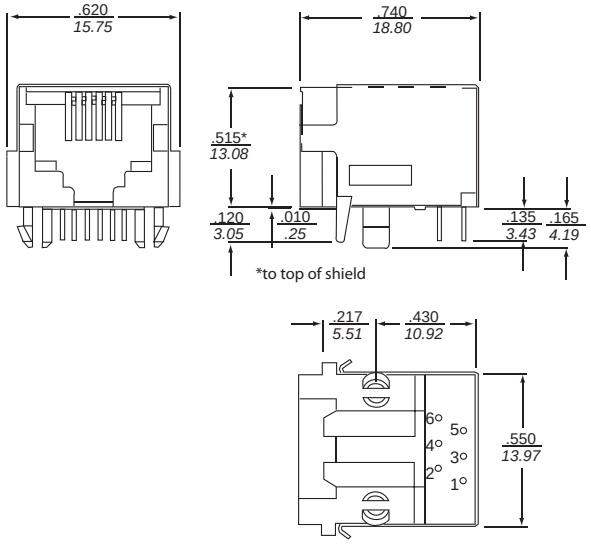
257

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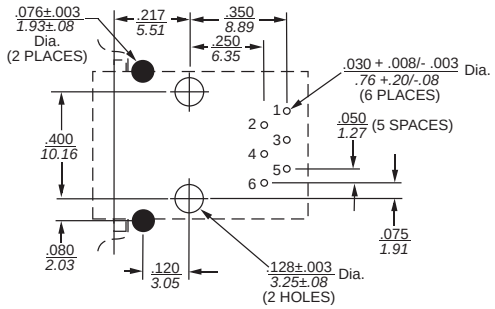
N and Z Series RJ Jack Dimensions *(continued)*

RJ11 Low Profile, Style 4 Shield



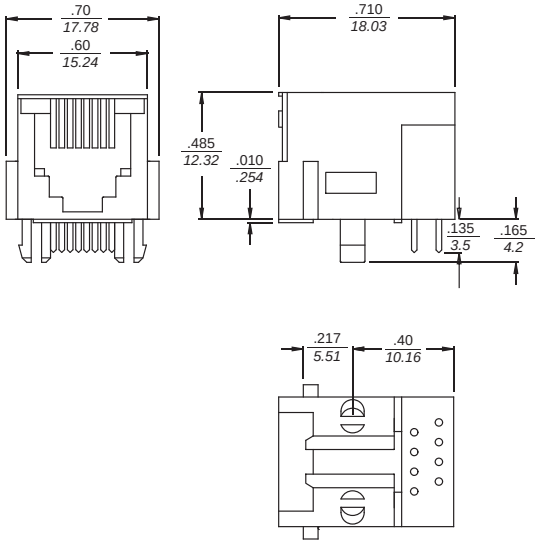
Part No.	
RJ11-6N4-B	RJ11-6Z4

RJ11 Low Profile, PC Board Layout



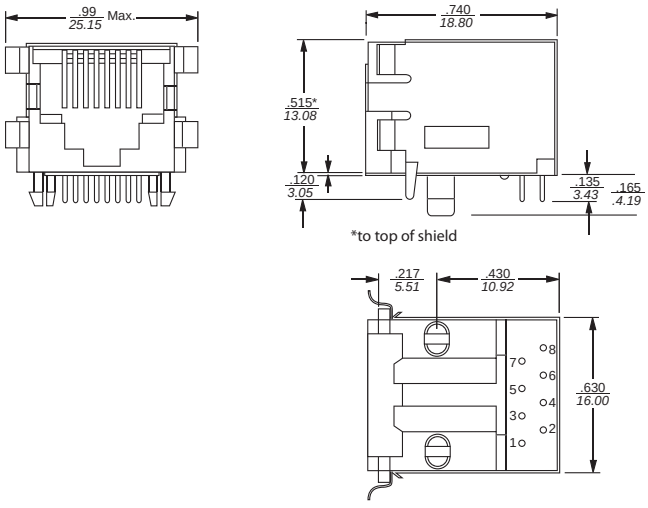
For all RJ11 N and Z Series Models
Shown from Component Side

RJ45 – Low Profile, No Shield



Part No.		
RJ45-8N-B	RJ45-8N-S	RJ45-8Z

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

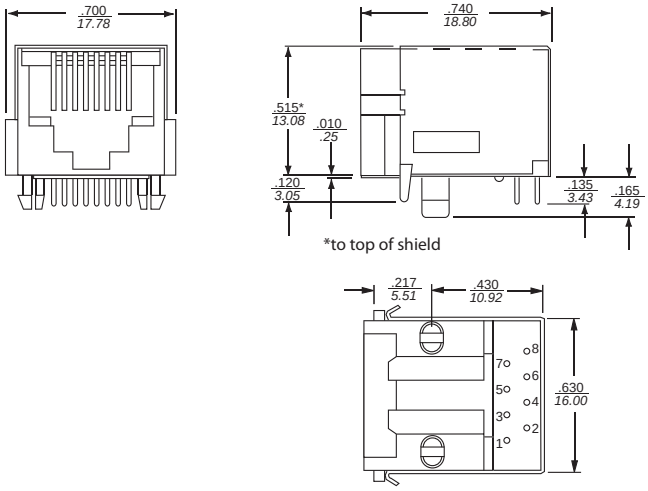
Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

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Model Dimensions *(continued)*

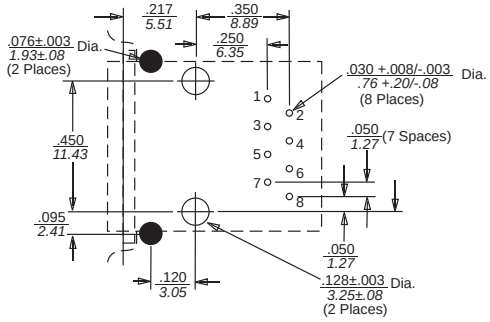
N and Z Series RJ Jack Dimensions *(continued)*

RJ45 Low Profile, Style 4 Shield



Part No.		
RJ45-8N4-B	RJ45-8N4-S	RJ45-8Z4

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

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