

Z Series — Low Profile Unfiltered Modular Jack

Z Series



UL Recognized



Shield 3
RJ11

Shield 4
RJ45

Z Series

Unfiltered low profile jack in RJ11 and RJ45 models.
Shielded and unshielded models available.

Part Numbers

RJ11-6Z	RJ45-8Z
RJ11-6Z3	RJ45-8Z3
RJ11-6Z4	RJ45-8Z4

Specifications

Contacts:

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

PCB Terminals:

Solderability	60/40
---------------	-------

Shield Material: Tin-plated phosphor bronze

Housing Material: Black glass-filled polyester
(Valox 457)

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

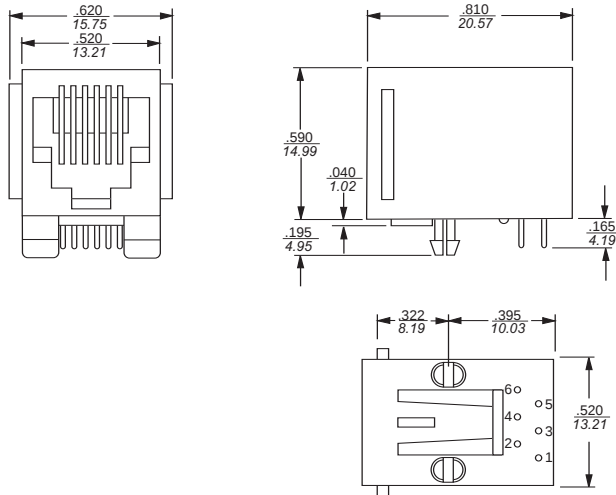
Model dimensions and PC board layout on pages 170 to 174.

Model Dimensions

Standard Profile RJ Jack Dimensions

For the L, LC, LCT and X Series of RJ Jack Filters

RJ11 (No Shield)

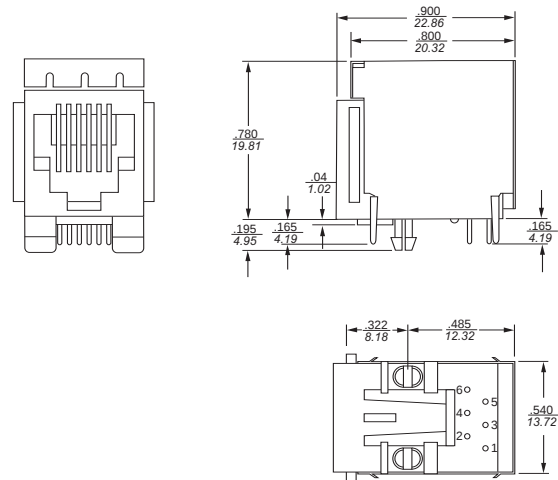


Part Numbers

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

RJ11-2X
RJ11-4X
RJ11-6X

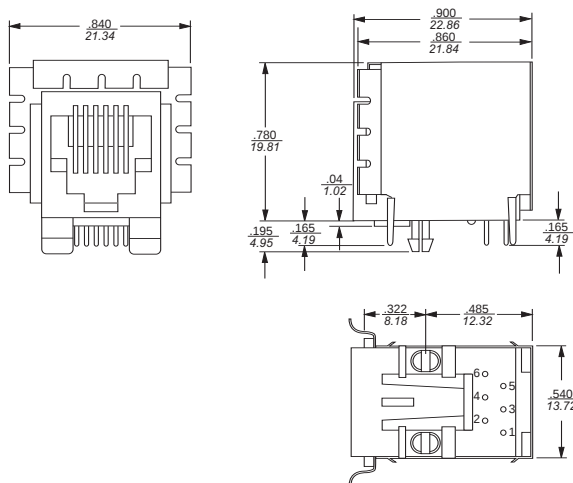
RJ11 (Style 2 Shield)



Part Numbers

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

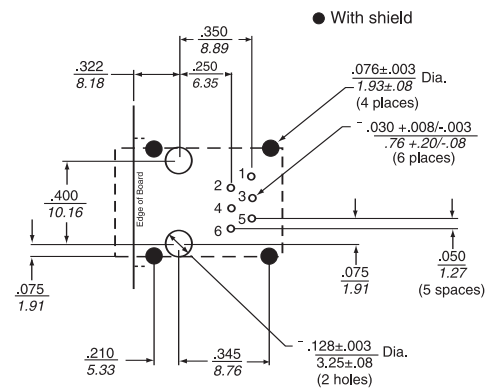
RJ11 (Style 1 Shield)



Part Numbers

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)



Shown from Component Side

For all RJ11 L, LC, LCT and X Series Models

For the L, LC, LCT and X Series of RJ Jack Filters

[illegible]

RJ45-8L-B
RJ45-6X
RJ45-8X

RJ45-8LC2-B
RJ45-8L2-B

RJ45-6LC1-B
RJ45-6L1-B
RJ45-8LC1-B
RJ45-8L1-B

Figure 10 is a technical drawing of a 10-hole circular pattern on a rectangular plate. The drawing shows the top and front views of the plate. The top view shows a circular pattern of 10 holes with a center-to-center distance of 8.76 inches (3.45 inches). The front view shows a rectangular plate with a width of 11.43 inches (4.50 inches) and a height of 8.76 inches (3.45 inches). The holes are numbered 1 through 10. The drawing includes dimension lines and labels for the hole diameters and the plate dimensions.

Dimensions and Tolerances:

- Overall Width: 11.43 (4.50)
- Overall Height: 8.76 (3.45)
- Hole Diameter: $7.93 \pm .003$ Dia. (4 PLACES)
- Distance from Center to Hole 1: .322 (8.76)
- Distance from Center to Hole 2: .350 (8.89)
- Distance from Center to Hole 3: .250 (6.35)
- Distance from Center to Hole 4: .076 ± .003 Dia. (4 PLACES)
- Distance from Center to Hole 5: .030 ± .008 / .003 Dia. (8 PLACES)
- Distance from Center to Hole 6: .76 ± .20 / .08 (7 SPACES)
- Distance from Center to Hole 7: .050 (1.27)
- Distance from Center to Hole 8: .090 (2.29)
- Distance from Center to Hole 9: .128 ± .003 (3.25 ± .08) Dia. (4 PLACES)
- Distance from Center to Hole 10: .210 (5.33)
- Distance from Center to Hole 11: .345 (8.76)

For all RJ45 L, LC, LCT and X Series Models.

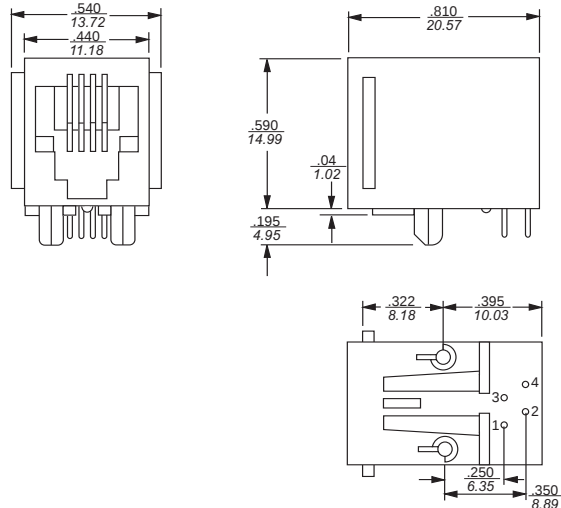
RJ45-8LC2-B
RJ45-8L2-B

Model Dimensions (Continued)

Standard Profile RJ Jack Dimensions (cont'd)

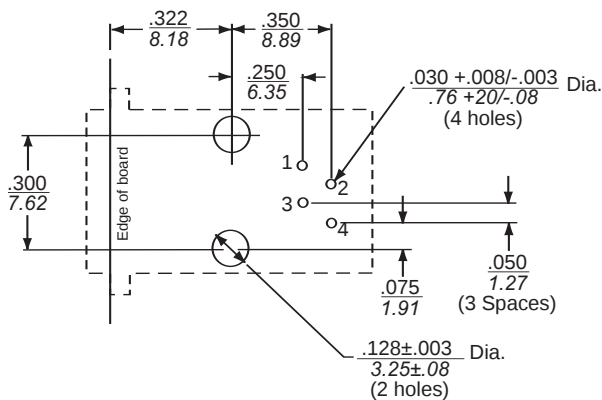
For the L, LC, LCT and X Series of RJ Jack Filters

RJH (No Shield)



Part Numbers
RJH-4-L-B

RJH (No Shield - PC Board Layout)



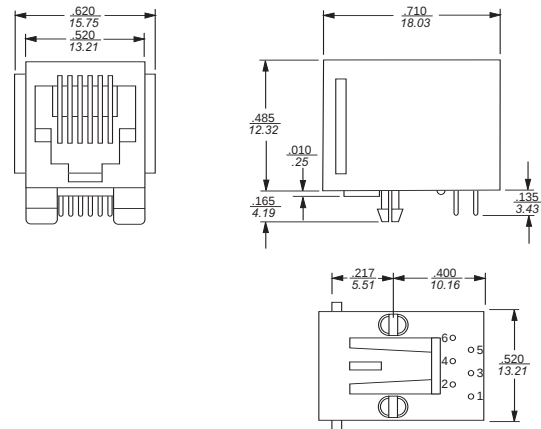
Shown from Component Side

All tolerances ±0.010 [0.25] unless otherwise noted.

Low Profile RJ Jack Dimensions

For the N and Z Series of RJ Jack Filters

RJ11 (Low Profile - No Shield)

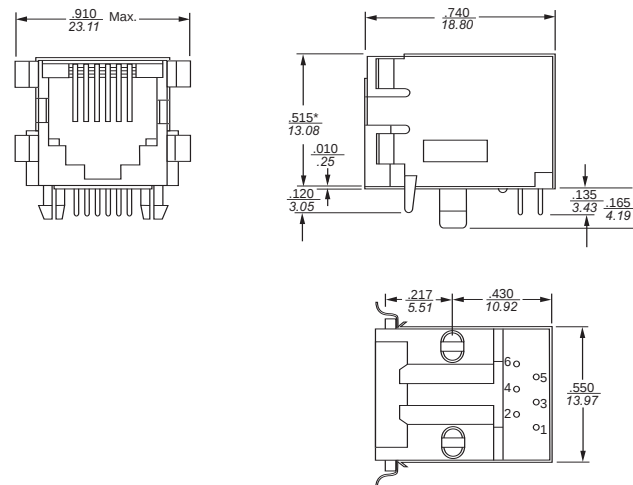


Part Numbers
RJ11-6N-B

RJ11-6N-S

RJ11-6Z

RJ11 Low Profile (Style 3 Shield)



Part Numbers
RJ11-6N3-B

RJ11-6N3-S

RJ11-6Z3

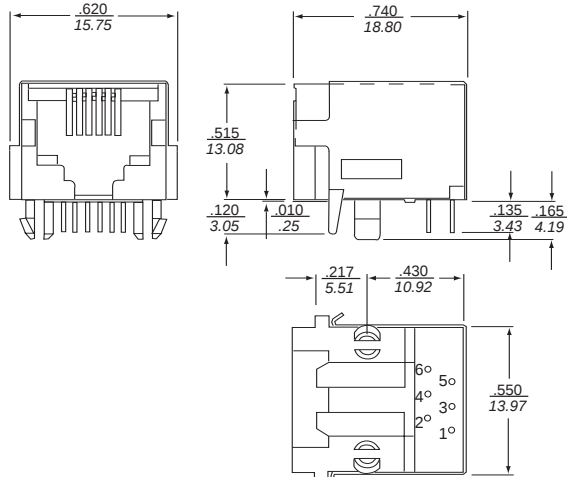
*To top of shield

Model Dimensions (Continued)

Low Profile RJ Jack Dimensions (cont'd)

For the N and Z Series of RJ Jack Filters

RJ11 Low Profile (Style 4 Shield)



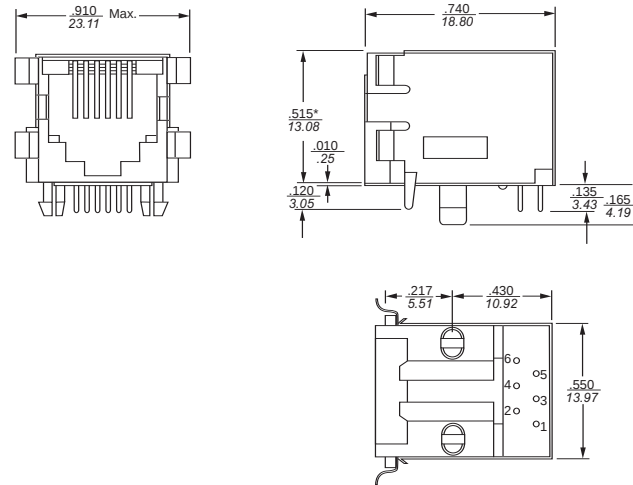
Part Numbers

RJ11-6N4-B

RJ11-6N4-S

RJ11-6Z4

RJ45 Low Profile (No Shield)



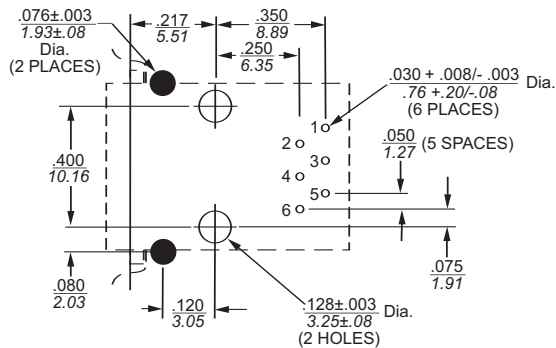
Part Numbers

RJ11-6N3-B

RJ11-6N3-S

RJ11-6Z3

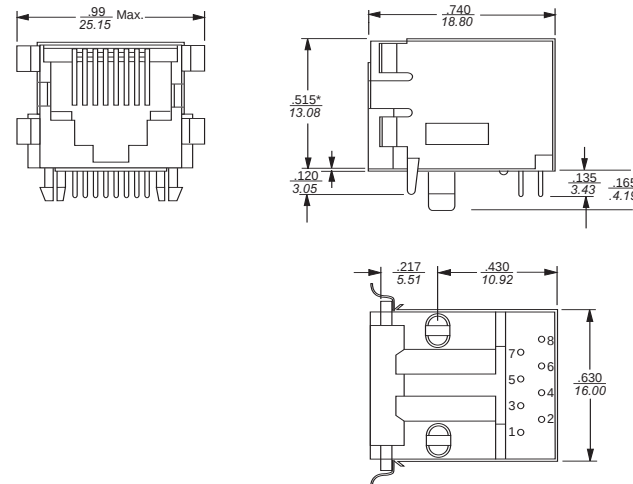
RJ11 Low Profile (PC Board Layout)



Shown from Component Side

For all RJ11 N and Z Series Models

RJ45 Low Profile (Style 3 Shield)



Part Numbers

RJ45-8N3-B

RJ45-8N3-S

RJ45-8Z3

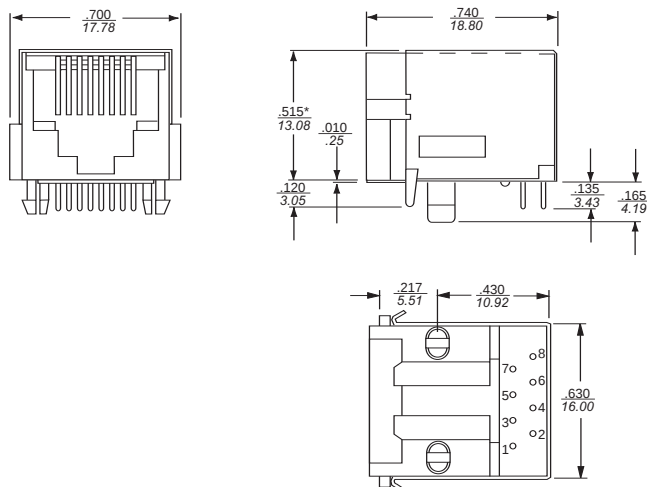
*To top of shield

Model Dimensions (Continued)

Low Profile RJ Jack Dimensions (cont'd)

For the N and Z Series of RJ Jack Filters

RJ45 Low Profile (Style 4 Shield)



Part Numbers

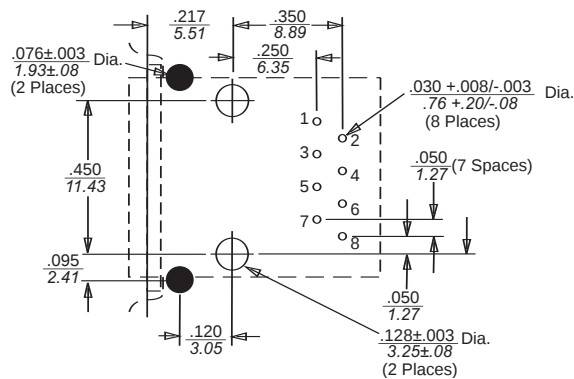
RJ45-8N4-B

RJ45-8N4-S

RJ45-8Z4

*To top of shield

RJ45 Low Profile (PC Board Layout)



Shown from Component Side

For all RJ45 N and Z Series Models

All tolerances ±0.010 [0.25] unless otherwise noted.