

Low Profile Filtered Modular Jacks

N Series



UL Recognized
CSA Certified



Shield 3
RJ11



Shield 4
RJ45

N Series

- Low profile SignalSentry filtered jack
- Available with sleeve or block inductors
- Available unshielded or shielded with board grounded shield or spring fingered panel ground interface

Typical Impedance in Ohms



Unshielded
Ferrite Block

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: Black glass-filled polyamide (STANYL TE250F3)

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

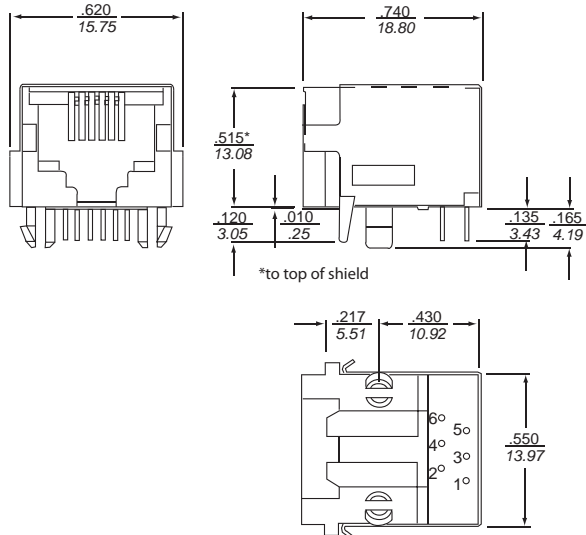
RJ11-6N-B	RJ45-8N-B
	RJ45-8N-S
RJ11-6N3-B	RJ45-8N3-B
	RJ45-8N3-S
RJ11-6N4-B	RJ45-8N4-B
	RJ45-8N4-S

Model dimensions and PC board layout on pages 255-259

Model Dimensions (continued)

N and Z Series RJ Jack Dimensions (continued)

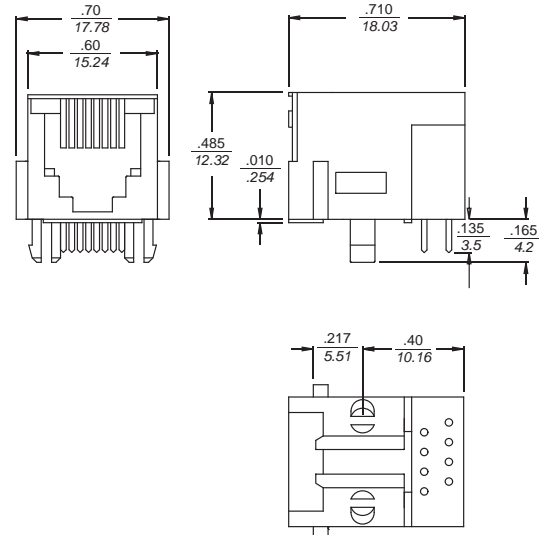
RJ11 Low Profile, Style 4 Shield



Part No.

RJ11-6N4-B	RJ11-6Z4
------------	----------

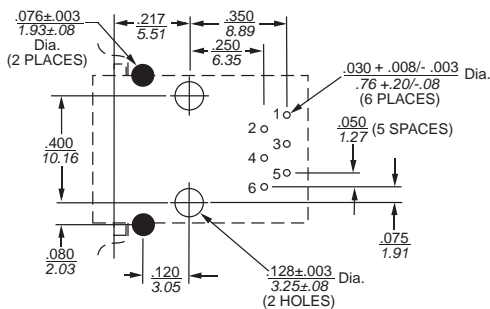
RJ45 - Low Profile, No Shield



Part No.

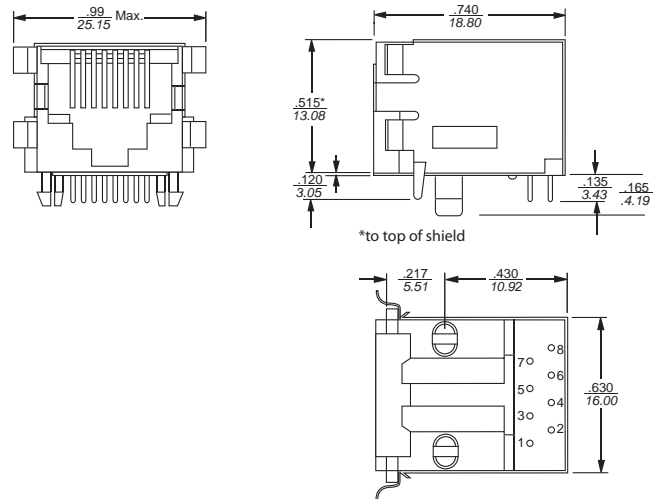
RJ45-8N-B	RJ45-8N-S	RJ45-8Z
-----------	-----------	---------

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