**Low Profile Unfiltered Modular Jacks**

# Z Series

UL Recognized
CSA Certified

*Shield 3*
*RJ11*

*Shield 4*
*RJ45*

## Z Series

- Low profile
- Unfiltered
- Available unshielded or shielded with board grounded shield or spring fingered panel ground interface

## 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 mΩ max.
After 500 mating cycles: 30 mΩ max.

**Shield Material:** Tin-plated copper alloy

**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 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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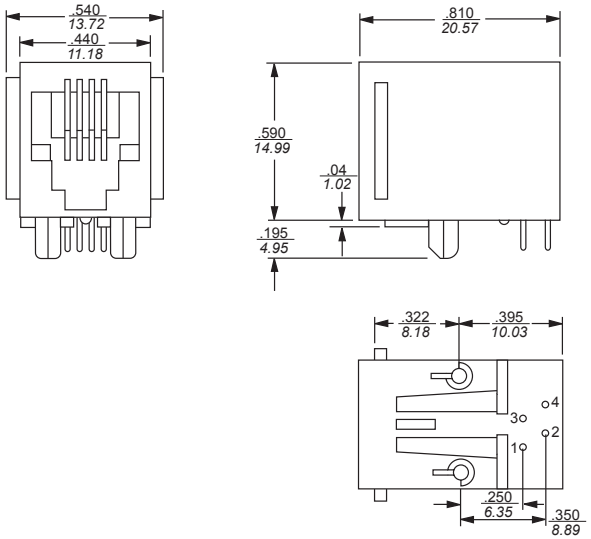
**Model Dimensions** *(continued)*

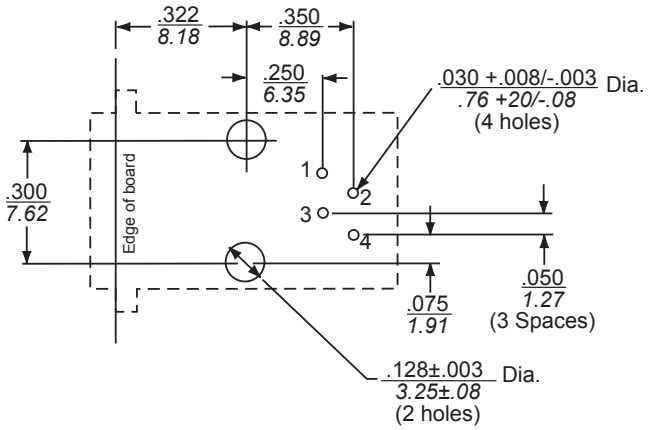
## L, LC, LCT and X Series RJ Jack Dimensions *(continued)*

### RJH – No Shield



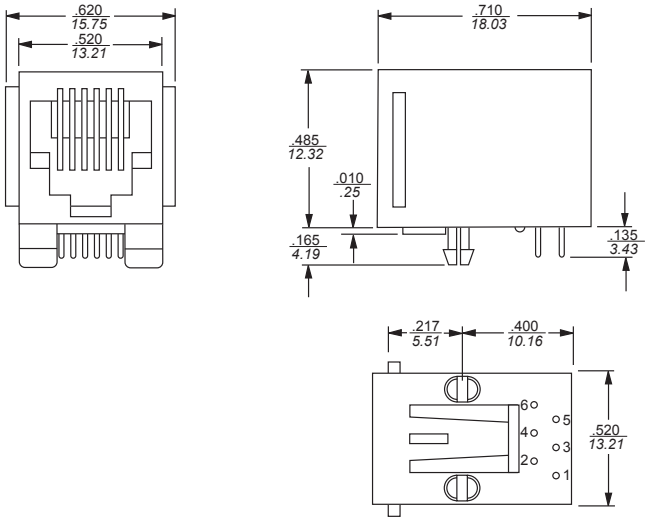

| Part No. |
|---|
| RJH-4-L-B |

### RJH – PC Board Layout



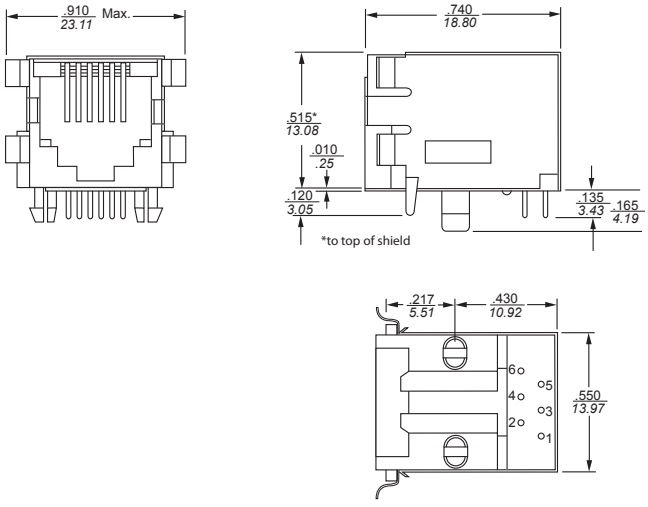

## N and Z Series RJ Jack Dimensions

### 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





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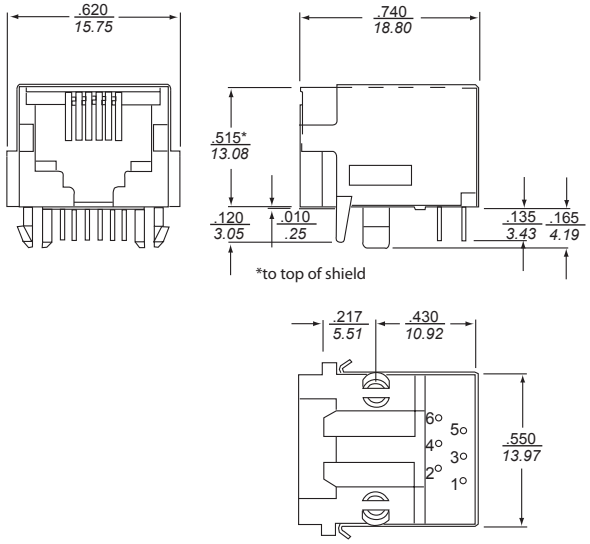
**Model Dimensions** *(continued)*

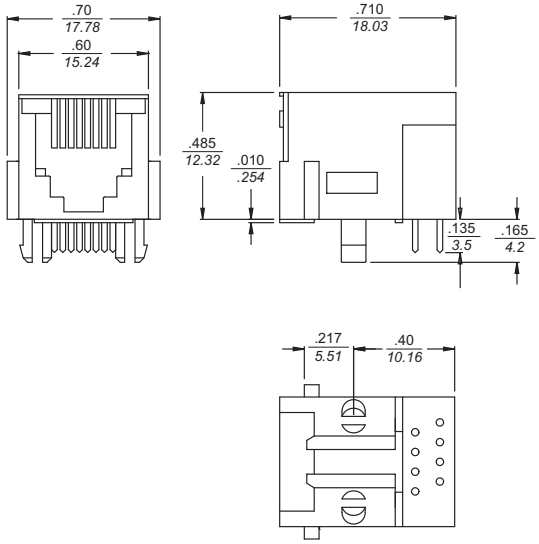
## N and Z Series RJ Jack Dimensions *(continued)*

### RJ11 Low Profile, Style 4 Shield



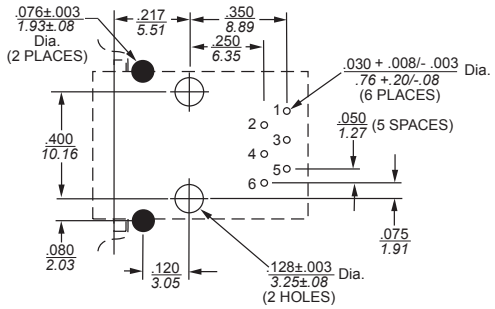

| Part No. | |
|---|---|
| RJ11-6N4-B | RJ11-6Z4 |

### RJ45 – Low Profile, No Shield



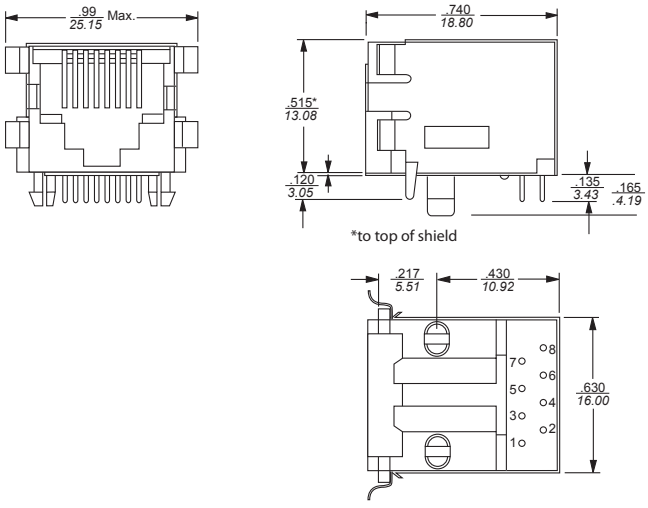

| Part No. | | |
|---|---|---|
| RJ45-8N-B | RJ45-8N-S | RJ45-8Z |

### 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 |

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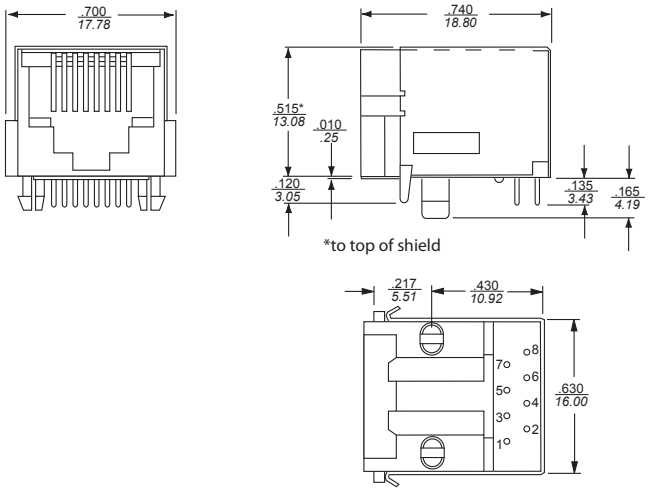
**Model Dimensions** *(continued)*

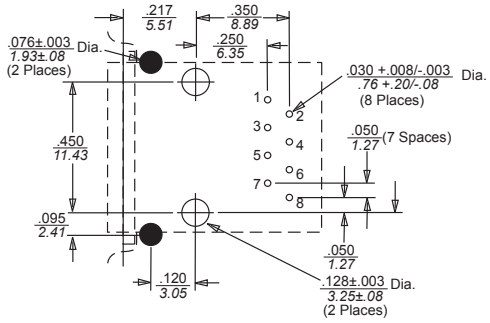
## N and Z Series RJ Jack Dimensions *(continued)*

### 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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