

# CONNECTORS

## Compression Connectors

### Long Barrel One Hole Copper Lugs L Series Cont'd

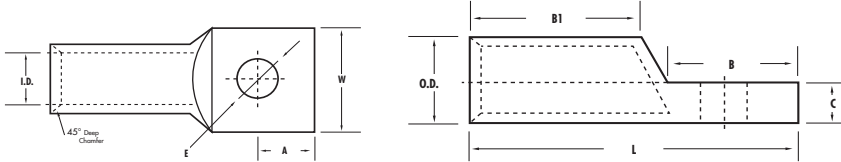


#### FEATURES

- Produced from high conductivity copper tubing.
- Tin-plated to provide corrosion low contact resistance.
- Marked with die index and color coded.
- Listed for 35KV max when properly installed and to cable manufacturer instructions.
- For applications greater than 2000V, consult the cable Manufacturer voltage stress relief instructions.
- **Part Numbers ending in "P" have a "peep" or sight inspection hole.**

#### SPECIFICATIONS

- UL486A Listed Wire Connector.
- UL467 Grounding & Bonding (Sizes 8 AWG - 3/0 AWG).
- Max ampacity is based on NEC 310.15, insulation type, and conductor material. Please consult your current NEC manual.
- \* CLASS B OR C BUILDING WIRE CU CABLE ONLY.
- Temperature Rating: 90 °C.
- Voltage: 600V



**\*EXPANDED WIRE RANGE** when installed with NSI N121D dieless compression tool.  
UL Listed with other tools:  
**FOR TOOL/DIE CRIMPING INFORMATION, PLEASE SEE TABLE ON PAGE 87**

| CAT. NO. | WIRE RANGE | EXPANDED WIRE RANGE** | BOLT SIZE (IN.) | BARREL I.D. | BARREL O.D. | LENGTH (L) (IN.) | WIDTH (W) (IN.) | A (IN.) | B (IN.) | B1 (IN.) | C (IN.) | E (IN.) | COLOR  | STD. CTN. QTY. |
|----------|------------|-----------------------|-----------------|-------------|-------------|------------------|-----------------|---------|---------|----------|---------|---------|--------|----------------|
| L2048P   | 2/0 AWG    | 2/0 - 4 AWG           | 1/2"            | 0.441       | 0.563       | 2.677            | 0.815           | 0.472   | 1.063   | 1.378    | 0.118   | 0.512   | Black  | 25             |
| L3014    | 3/0 AWG    | 3/0 - 2 AWG           | 1/4"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.252   | Orange | 25             |
| L3014P   | 3/0 AWG    | 3/0 - 2 AWG           | 1/4"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.252   | Orange | 25             |
| L3038    | 3/0 AWG    | 3/0 - 2 AWG           | 3/8"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.413   | Orange | 25             |
| L3038P   | 3/0 AWG    | 3/0 - 2 AWG           | 3/8"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.413   | Orange | 25             |
| L3048    | 3/0 AWG    | 3/0 - 2 AWG           | 1/2"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.512   | Orange | 25             |
| L3048P   | 3/0 AWG    | 3/0 - 2 AWG           | 1/2"            | 0.492       | 0.622       | 2.795            | 0.902           | 0.472   | 1.063   | 1.378    | 0.126   | 0.512   | Orange | 25             |
| L4014    | 4/0 AWG    | 4/0 - 1 AWG           | 1/4"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.252   | Purple | 25             |
| L4014P   | 4/0 AWG    | 4/0 - 1 AWG           | 1/4"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.252   | Purple | 25             |
| L4038    | 4/0 AWG    | 4/0 - 1 AWG           | 3/8"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.413   | Purple | 25             |
| L4038P   | 4/0 AWG    | 4/0 - 1 AWG           | 3/8"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.413   | Purple | 25             |
| L4048    | 4/0 AWG    | 4/0 - 1 AWG           | 1/2"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.512   | Purple | 25             |
| L4048P   | 4/0 AWG    | 4/0 - 1 AWG           | 1/2"            | 0.547       | 0.689       | 2.795            | 1.000           | 0.520   | 1.063   | 1.417    | 0.134   | 0.512   | Purple | 25             |
| L25048   | 250 MCM    | 250 MCM - 1/0 AWG     | 1/2"            | 0.594       | 0.752       | 3.031            | 1.091           | 0.520   | 1.063   | 1.614    | 0.150   | 0.512   | Yellow | 25             |
| L30048   | 300 MCM    | 300 MCM - 2/0 AWG     | 1/2"            | 0.657       | 0.815       | 3.386            | 1.189           | 0.520   | 1.063   | 1.969    | 0.150   | 0.512   | White  | 12             |
| L35048   | 350 MCM    | 350 MCM - 3/0 AWG     | 1/2"            | 0.701       | 0.874       | 3.465            | 1.276           | 0.520   | 1.063   | 1.969    | 0.165   | 0.512   | Red    | 12             |
| L40048   | 400 MCM    | 400 MCM - 4/0 AWG     | 1/2"            | 0.764       | 0.949       | 3.858            | 1.386           | 0.512   | 1.378   | 1.969    | 0.177   | 0.512   | Blue   | 6              |
| L50048   | 500 MCM    | 500 - 250 MCM         | 1/2"            | 0.835       | 1.063       | 4.134            | 1.539           | 0.512   | 1.378   | 2.244    | 0.217   | 0.512   | Brown  | 6              |
| L50058   | 500 MCM    | 500 - 250 MCM         | 5/8"            | 0.835       | 1.063       | 4.134            | 1.539           | 0.512   | 1.378   | 2.244    | 0.217   | 0.669   | Brown  | 6              |
| L60058   | 600 MCM    | 600 - 250 MCM         | 5/8"            | 0.925       | 1.189       | 4.252            | 1.717           | 0.689   | 1.457   | 2.244    | 0.252   | 0.669   | Green  | 6              |
| L75048   | 750 MCM    | 750 - 500 MCM         | 1/2"            | 1.031       | 1.311       | 5.157            | 1.902           | 0.689   | 1.850   | 2.638    | 0.268   | 0.512   | Black  | 3              |
| L75058   | 750 MCM    | 750 - 500 MCM         | 5/8"            | 1.031       | 1.311       | 5.157            | 1.902           | 0.689   | 1.850   | 2.638    | 0.268   | 0.669   | Black  | 3              |
| L10058   | 1000 MCM   | -                     | 5/8"            | 1.184       | 1.494       | 5.613            | 2.148           | 0.866   | 1.776   | 2.603    | 0.328   | 0.663   | White  | 3              |