

COMPRESSION CONNECTORS

Dual Rated Pin Terminals

PTS, PTO SERIES



FEATURES

SOLID PIN TERMINALS - PTS SERIES

- All-aluminum pin terminal designed for termination of both aluminum and copper conductors. The pin is solid aluminum. The connector is tin plated to provide low contact resistance and oxidation protection. Connector is pre-filled with Oxide Inhibitor and capped with color coded cap indicating color of die to use. A cover is provided for quick installation.

SOLID PIN TERMINALS - PTO SERIES

- All-aluminum pin terminal designed for termination of both aluminum and copper conductors. In addition to above the PTO Series provides an offset termination pin. Pin is offset for use in tight applications while providing ease of installation in side by side applications. The solid pin is made of aluminum and is tin-plated and pre-filled with oxide inhibitor. Great for paralleling cable. A cover is provided for quick insulation.

RATINGS



UL486A/B Listed.

TEMPERATURE RATING:

90 °C.

RATING:

600V.

CRIMP TOOL:

N1240.



Scan QR to view
Tool & Die Charts

All dimensional data is listed in inches.

| CAT. NO. | WIRE RANGE | FIG NO. |
|----------------|------------|---------|
| PTS6 | 6 STR | 1 |
| PTS4 | 4 STR | 1 |
| PTS2 | 2 STR | 1 |
| PTS1 | 1 STR | 1 |
| PTS1/0 | 1/0 STR | 1 |
| PTS2/0 | 2/0 STR | 1 |
| PTS3/0 | 3/0 STR | 1 |
| PTS4/0 | 4/0 STR | 1 |
| PTS250 | 250 MCM | 1 |
| PTS300 | 300 MCM | 1 |
| PTS350 | 350 MCM | 1 |
| PTS400 | 400 MCM | 1 |
| PTS500 | 500 MCM | 1 |
| PTS600 | 600 MCM | 1 |
| PTS750 | 750 MCM | 1 |
| PTO-2/0 | 2/0 AWG | 2 |
| PTO-3/0 | 3/0 AWG | 2 |
| PTO-4/0 | 4/0 AWG | 2 |
| PTO-250 | 250 MCM | 2 |
| PTO-300 | 300 MCM | 2 |
| PTO-350 | 350 MCM | 2 |
| PTO-400 | 400 MCM | 2 |
| PTO-500 | 500 MCM | 2 |
| PTO-600 | 600 MCM | 2 |
| PTO-750 | 750 MCM | 2 |

***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 147**



| COLOR CODE | PIN SIZE | O.D. | I.D. | PIN DIA. (A) | LENGTH (L) | PIN LENGTH (L1) | BODY LENGTH (L2) | STD. CTN. QTY. |
|------------|----------|-------|-------|--------------|------------|-----------------|------------------|----------------|
| Tan | 4 | 0.598 | 0.220 | 0.240 | 1.850 | 0.681 | 1.169 | 25 |
| Tan | 4 | 0.598 | 0.236 | 0.240 | 1.850 | 0.681 | 1.169 | 25 |
| Tan | 4 | 0.598 | 0.299 | 0.240 | 1.840 | 0.680 | 1.160 | 25 |
| Tan | 3 | 0.598 | 0.318 | 0.250 | 1.990 | 0.830 | 1.160 | 10 |
| Tan | 2 | 0.598 | 0.370 | 0.290 | 1.990 | 0.830 | 1.160 | 10 |
| White | 1 | 0.850 | 0.429 | 0.330 | 2.200 | 0.830 | 1.370 | 10 |
| White | 1/0 | 0.850 | 0.476 | 0.370 | 2.590 | 1.220 | 1.370 | 10 |
| White | 2/0 | 0.850 | 0.535 | 0.420 | 2.590 | 1.220 | 1.370 | 10 |
| Brown | 3/0 | 1.090 | 0.594 | 0.460 | 2.620 | 1.220 | 1.400 | 10 |
| Brown | 4/0 | 1.090 | 0.653 | 0.530 | 2.730 | 1.330 | 1.400 | 10 |
| Brown | 250 | 1.090 | 0.716 | 0.570 | 2.730 | 1.330 | 1.400 | 10 |
| Pink | 300 | 1.310 | 0.763 | 0.620 | 3.070 | 1.590 | 1.480 | 10 |
| Pink | 350 | 1.310 | 0.826 | 0.680 | 3.070 | 1.590 | 1.480 | 10 |
| Yellow | 400 | 1.460 | 0.921 | 0.720 | 3.670 | 1.640 | 2.030 | 3 |
| Yellow | 500 | 1.460 | 1.027 | 0.810 | 3.780 | 1.750 | 2.030 | 3 |
| White | 1 | 0.850 | 0.440 | 0.330 | 2.690 | 1.120 | 1.570 | 10 |
| White | 1/0 | 0.850 | 0.500 | 0.370 | 2.800 | 1.250 | 1.550 | 10 |
| White | 2/0 | 0.850 | 0.547 | 0.420 | 2.780 | 1.270 | 1.510 | 10 |
| Brown | 3/0 | 1.090 | 0.594 | 0.460 | 2.780 | 1.270 | 1.510 | 10 |
| Brown | 4/0 | 1.090 | 0.657 | 0.530 | 3.080 | 1.460 | 1.620 | 10 |
| Brown | 250 | 1.090 | 0.704 | 0.570 | 3.080 | 1.460 | 1.620 | 10 |
| Pink | 300 | 1.310 | 0.763 | 0.620 | 3.380 | 1.680 | 1.700 | 10 |
| Pink | 350 | 1.310 | 0.842 | 0.680 | 3.380 | 1.680 | 1.700 | 10 |
| Yellow | 400 | 1.460 | 0.821 | 0.720 | 3.990 | 1.720 | 2.270 | 3 |
| Yellow | 500 | 1.460 | 1.031 | 0.810 | 4.180 | 1.720 | 2.460 | 3 |

