

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

| WIRE SIZE                       | NUMBER OF WIRES | NUMBER OF ADDITIONAL WIRES OF ONE SIZE |                                    |                                   |                                   |
|---------------------------------|-----------------|----------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
|                                 |                 | #22 AWG<br>[0,5 mm <sup>2</sup> ]      | #20 AWG<br>[0,75 mm <sup>2</sup> ] | #18 AWG<br>[1,0 mm <sup>2</sup> ] | #16 AWG<br>[1,5 mm <sup>2</sup> ] |
| #22 AWG [0,5 mm <sup>2</sup> ]  | 1               | 1-4                                    | 1-3                                | 1-2                               | 1                                 |
|                                 | 2               | 1-3                                    | 1-2                                | 1-2                               | 1                                 |
|                                 | 3               | 1-2                                    | 1                                  | 1                                 | 1                                 |
|                                 | 4               | 1                                      | 0                                  | 0                                 | 0                                 |
| #20 AWG [0,75 mm <sup>2</sup> ] | 1               | 1-3                                    | 1-3                                | 1-2                               | 1                                 |
|                                 | 2               | 1-2                                    | 1-2                                | 1                                 | 1                                 |
|                                 | 3               | 1                                      | 1                                  | 0                                 | 0                                 |
| #18 AWG [1,0 mm <sup>2</sup> ]  | 1               | 1-3                                    | 1-2                                | 1-2                               | 1                                 |
|                                 | 2               | 1-2                                    | 1                                  | 1                                 | 0                                 |
| #16 AWG [1,5 mm <sup>2</sup> ]  | 1               | 1-3                                    | 1-2                                | 1                                 | 1                                 |
| #14 AWG [2,5 mm <sup>2</sup> ]  | 1               | 1                                      | 1                                  | 0                                 | 0                                 |

#### NOTES:

##### 1. USED FOR:

- A. SOLID OR STRANDED COPPER WIRE
- B. 221°F [105°C] MAX. OPERATING TEMPERATURE
- C. 600V. MAX. BLDG WIRE (1000 V. MAX. IN SIGNS, FIXTURES & LUMINAIRES)
- D. SEE CHART FOR WIRE COMBINATIONS

##### 2. INSTALLATION TOOLS:

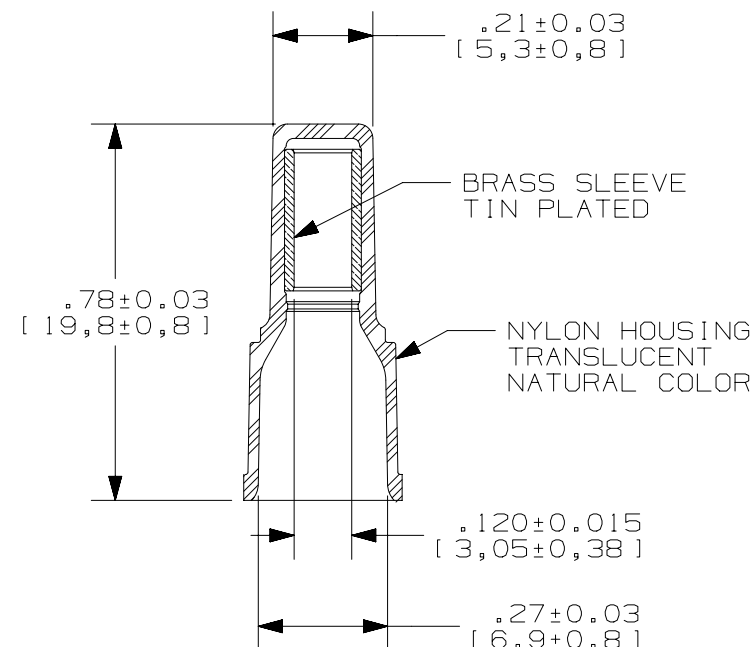
- A. UL LISTED AND CSA CERTIFIED: CT-100A, CT-1550, CT-1551, CT-2400 (CT-2455CH), CT-2500 (CT-2550CH), CT-600-A (CT-550CH)
- B. PANDUIT APPROVED: CT-160, CT-260, CT-400, CT-460

3. WIRE STRIP LENGTH:  $7/16" \begin{smallmatrix} +1/32 \\ -0 \end{smallmatrix}$  [11,1 mm  $\begin{smallmatrix} +0,8 \\ -0 \end{smallmatrix}$ ]

4. SEE [www.panduit.com](http://www.panduit.com) FOR PACKAGE QUANTITIES, INDICATED BY PART NUMBER SUFFIX

5. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT

6. TWIST ENDS OF STRIPPED WIRE TOGETHER BEFORE INSERTING INTO WIRE JOINT



LISTED  
587H  
E52164



CERTIFIED  
LR31212

|                                                                    |      |     |        |                                                                                            |  |  |  |
|--------------------------------------------------------------------|------|-----|--------|--------------------------------------------------------------------------------------------|--|--|--|
| TITLE                                                              |      |     |        | STRONGHOLD WIRE JOINT EJN218-216<br>NYLON INSULATED, #22-14 AWG<br>CUSTOMER DRAWING        |  |  |  |
| ITEM REVISION NAME                                                 |      |     |        | 00123STI/00                                                                                |  |  |  |
| DATASET FILE NAME                                                  |      |     |        | 00123STI_DC/00                                                                             |  |  |  |
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONAL TOLERANCES ARE: IN [mm] |      |     |        | $.x \pm .1$ [2.54] $.xxx \pm .005$ [.127]<br>$.xx \pm .03$ [.76]      ANGLES $\pm 5^\circ$ |  |  |  |
| DRAWING NUMBER:                                                    |      |     |        | SH41342                                                                                    |  |  |  |
| MATERIAL:                                                          |      |     |        | SEE NOTES                                                                                  |  |  |  |
| THIRD ANGLE PROJECTION                                             |      |     |        |                                                                                            |  |  |  |
| DRAWN BY                                                           | DATE | CHK | SCALE  | SHEET 1 OF 1                                                                               |  |  |  |
| DAW                                                                | -    |     | N.T.S. | A                                                                                          |  |  |  |