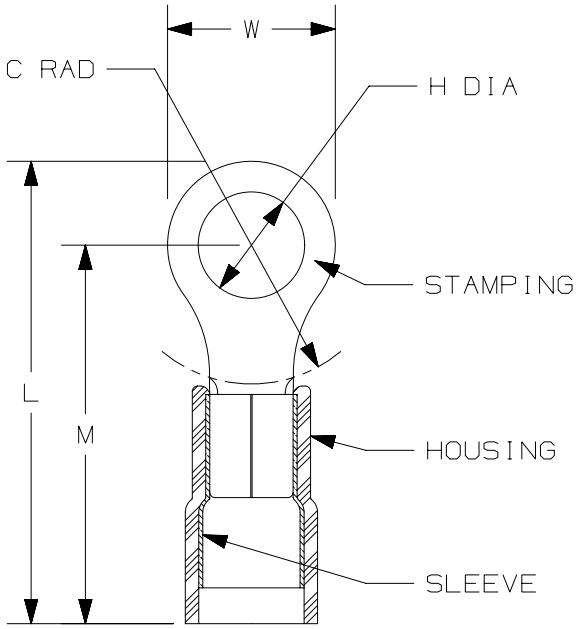
THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

| PANDUIT PART # | MILITARY PART NO. AND CLASS | STUD SIZE | | DIMENSIONS in. [mm] | | | | |
|---|---|---|---|---|---|---|---|---|
| | | ENGLISH | METRIC | L ± .03 [0,8] | W ± .01 [0,3] | C ± .02 [0,5] | M ± .03 [0,8] | H ± .01 [0,3] |
| PN18-4R | ---- | #4 | -- | .80 [20,3] | .25 [6,4] | .22 [5,6] | .67 [17,0] | .12 [3,1] |
| PN18-4RN | MS25036-148 CLASS 1 & 2 | -- | M3 | .74 [18,8] | .22 [5,6] | .18 [4,6] | .63 [16,0] | .12 [3,1] |
| PN18-6R | MS25036-102 CLASS 1 & 2 | #6 | M3,5 | .79 [20,1] | .25 [6,4] | .22 [5,6] | .67 [17,0] | .15 [3,8] |
| PN18-6RN | MS25036-101 CLASS 1 & 2 | #6 | M3,5 | .77 [19,6] | .22 [5,6] | .18 [4,6] | .63 [16,0] | .15 [3,8] |
| PN18-8R | MS25036-149 CLASS 1 & 2 | #8 | M4 | .85 [21,6] | .31 [7,9] | .25 [6,4] | .70 [17,8] | .17 [4,3] |
| PN18-10R | MS25036-103 CLASS 1 & 2 | #10 | -- | .87 [22,1] | .31 [7,9] | .25 [6,4] | .70 [17,8] | .20 [5,1] |
| PN18-14R | MS25036-150 CLASS 1 & 2 | 1/4" | M6 | 1.05 [26,7] | .45 [11,4] | .38 [9,7] | .80 [20,3] | .27 [6,9] |
| PN18-56R | MS25036-104 CLASS 1 & 2 | 5/16" | M8 | 1.04 [26,4] | .46 [11,7] | .38 [9,7] | .84 [21,8] | .33 [8,4] |
| PN18-38R | MS25036-105 CLASS 1 & 2 | 3/8" | -- | 1.14 [29,0] | .53 [13,5] | .43 [10,9] | .91 [23,1] | .39 [9,9] |
| PN18-12R | ---- | 1/2" | M12 | 1.32 [33,5] | .72 [18,3] | .53 [13,5] | .99 [25,1] | .52 [13,2] |




NOTES:

1. USED FOR:
   A. 22-18 AWG [0,5-1,5 mm²] 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)

2. INSTALLATION TOOLS PANDUIT APPROVED:
   A. UL APPROVED: CT-100A, CT-400, (UL, MIL CLASS 2),
      CT-600-A W/CT-550CH OR CT-500CH
      CT-1550, CT-1551, CT-2500 W/CT-2550CH
   B. PANDUIT APPROVED: CT-160, CT-250

3. WIRE STRIP LENGTH: 7/32 $^{+1/32}_{-0}$ [5,6 $^{+0,8}_{-0}$]

4. MATERIAL:
   A. STAMPING: .032" [0,8] THK COPPER, TIN PLATED
   B. HOUSING: NYLON, RED
   C. SLEEVE: BRASS, TIN PLATED

5. SEE www.panduit.com FOR PACKAGE QUANTITIES
   INDICATED BY PART NUMBER SUFFIX

6. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT

LISTED 587H E52164

CERTIFIED LR31212

| REV | DATE | BY | CHK | APR | DESCRIPTION | ECN |
|---|---|---|---|---|---|---|
| 14 | 6/15 | JHNU | JHNU | TMR | REVISED L DIMENSION: PN18-14R: 1.05 WAS 1.09, PN18-56R: 1.04 WAS 1.09, PN18-38R: 1.14 WAS 1.17, PN18-12R: 1.32 WAS 1.35 | N41543BA-A41543 |
| 13 | 5/14 | JHNU | JHNU | RGB | REVISED A DIM: PN18-6R WAS .80, PN18-8R WAS .86, PN18-10R WAS .88 REVISED TITLE BLOCK | N41543BA-A41543 |

TITLE

# 3 PC. NYLON INSULATED 22-18 BARREL, RING TERMINALS

CUSTOMER DRAWING

ITEM REVISION NAME: N41543BA/14

DATASET FILE NAME: N41543BA_DC/14A

UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]

.X ± .XXX ±

.XX ± ANGLES ±

THIRD ANGLE PROJECTION

MATERIAL: SEE NOTES

DRAWING NUMBER: A41543

| DRAWN BY | DATE | CHK | SCALE | SIZE |
|---|---|---|---|---|
| BDK | | LA | NONE | A |

SHT 1 OF 1

D10100DA/16