

| PART NUMBER  | ITEM ① |        | ITEM ②                       |
|--------------|--------|--------|------------------------------|
|              | HANDLE | COLOR  |                              |
| 105-0301-001 | NYLON  | WHITE  | BRASS<br>NICKEL PL .0001 MIN |
| 105-0302-001 |        | RED    |                              |
| 105-0303-001 |        | BLACK  |                              |
| 105-0304-001 |        | GREEN  |                              |
| 105-0305-001 |        |        |                              |
| 105-0306-001 |        | ORANGE |                              |
| 105-0307-001 |        | YELLOW |                              |
| 105-0308-001 |        | BROWN  |                              |
| 105-0309-001 |        |        |                              |
| 105-0310-001 |        | BLUE   |                              |
| 105-0311-001 |        |        |                              |
| 105-0312-001 |        | VIOLET |                              |
| 105-0313-001 |        | GRAY   |                              |
| 105-0314-001 |        |        |                              |
| 105-0315-001 |        |        |                              |
| 105-0316-001 |        |        |                              |
| 105-0317-001 |        |        |                              |
| 105-0318-001 |        |        |                              |
| 105-0319-001 |        |        |                              |
| 105-0320-001 |        |        |                              |

NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

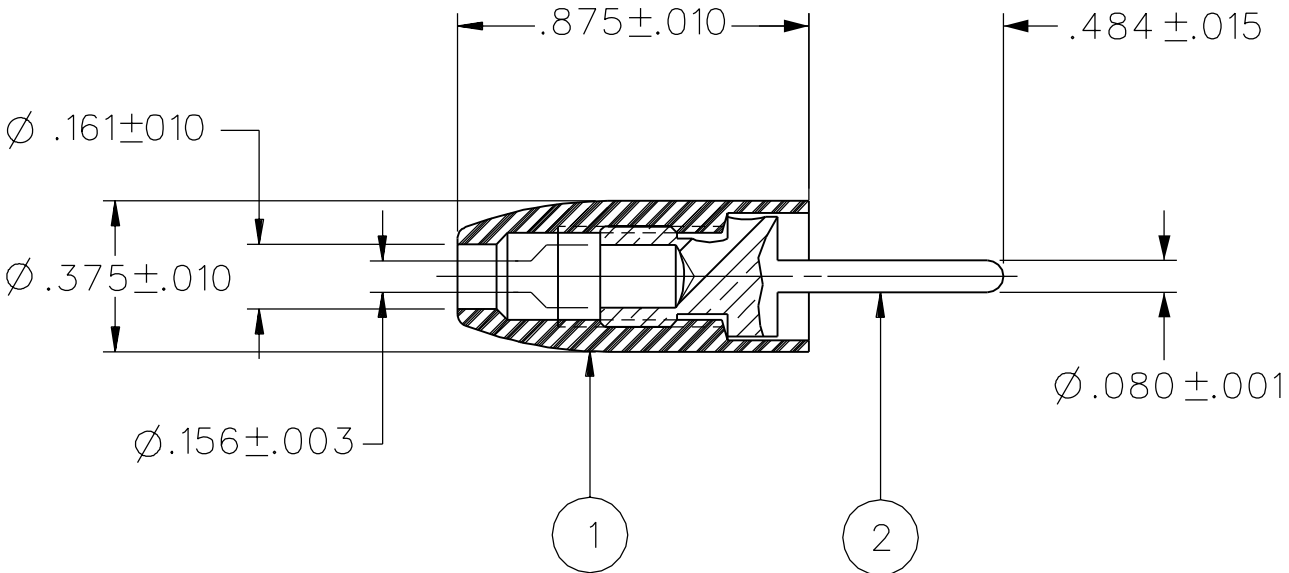
CURRENT RATING: 10 AMPS DC MINIMUM  
DIELECTRIC WITHSTANDING VOLTAGE: 3500 VRMS MIN AT SEA LEVEL  
RECOMMENDED WORKING VOLTAGE: 1750 VRMS MAX AT SEA LEVEL  
INSULATION RESISTANCE: 5000 MEGOHMS MIN  
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM

MECHANICAL:

WIRE ACCEPTABILITY: 16 AWG OR SMALLER  
WIRE ATTACHMENT: SOLDER OR SOLDERLESS, SCREW DOWN HANDLE  
DURABILITY: 1000 CYCLES MINIMUM

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39024)  
OPERATING TEMPERATURE: -55 DEG C TO 85 DEG C.  
TEMPERATURE RISE AT RATED CURRENT: 10 DEG C MAXIMUM  
CORROSION: MIL-STD-1344, METHOD 1001, CONDITION B  
SHOCK: MIL-STD-1344, METHOD 2004, CONDITION G  
VIBRATION: MIL-STD-1344, METHOD 2005, CONDITION I  
HUMIDITY: MIL-STD-1344, METHOD 1002, CONDITION B



|                                                                                                           |           |        |             |  |  |  |                       |
|-----------------------------------------------------------------------------------------------------------|-----------|--------|-------------|--|--|--|-----------------------|
| DRAWING NO.                                                                                               |           |        |             |  |  |  |                       |
| B - 105-0301/0320-001                                                                                     |           |        |             |  |  |  |                       |
| 0                                                                                                         | REVISIONS |        |             |  |  |  |                       |
| REVISED AND REDRAWN. DRAWING<br>WAS "C" SIZE 105-0301/0320-001/<br>150 DATED 3-28-88.<br>CREATED SHEET 2. |           |        |             |  |  |  |                       |
| *****                                                                                                     |           |        |             |  |  |  |                       |
| REVISION NUMBER FOLLOWED BY AN ALPHA *                                                                    |           |        |             |  |  |  |                       |
| CHARACTER INDICATES DRAWING CLARIFI- *                                                                    |           |        |             |  |  |  |                       |
| CATION OR PART NUMBER ADDITION ONLY. *                                                                    |           |        |             |  |  |  |                       |
| *****                                                                                                     |           |        |             |  |  |  |                       |
| 14b                                                                                                       | 1-7-03    | R<br>H | R<br>J<br>B |  |  |  | 10-16-03<br>ECN 48699 |

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED  
PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

|                                      |    |              |           |                                                                                                                                                                                  |  |
|--------------------------------------|----|--------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| TOLERANCE UNLESS OTHERWISE SPECIFIED |    | DRAWN BY     | DATE      |  <b>Cinch Connectivity Solutions</b><br>P.O. Box 1732<br>Waseca, MN 56093<br>1-800-247-8256 |  |
| DECIMALS                             | mm | RJB          | 12-16-02  |                                                                                                                                                                                  |  |
| .XX                                  |    | CHECKED BY   | DATE      | TITLE<br>ASSEMBLY, .080 (2.0mm) TIP PLUG, INSULATED HANDLE, ROUND BODY, SOLDER OR SOLDERLESS BACKHOLE                                                                            |  |
| .XXX                                 |    |              |           |                                                                                                                                                                                  |  |
| MATL                                 |    | APPROVED BY  | DATE      | SHEET<br>2 OF 2                                                                                                                                                                  |  |
|                                      |    | RJB          | 10-16-03  |                                                                                                                                                                                  |  |
| FINISH                               |    | RELEASE DATE | 10-16-03  | DRAWING NO.<br>B - 105-0301/0320-001                                                                                                                                             |  |
|                                      |    | U/M INCH     | SCALE 4:1 |                                                                                                                                                                                  |  |