

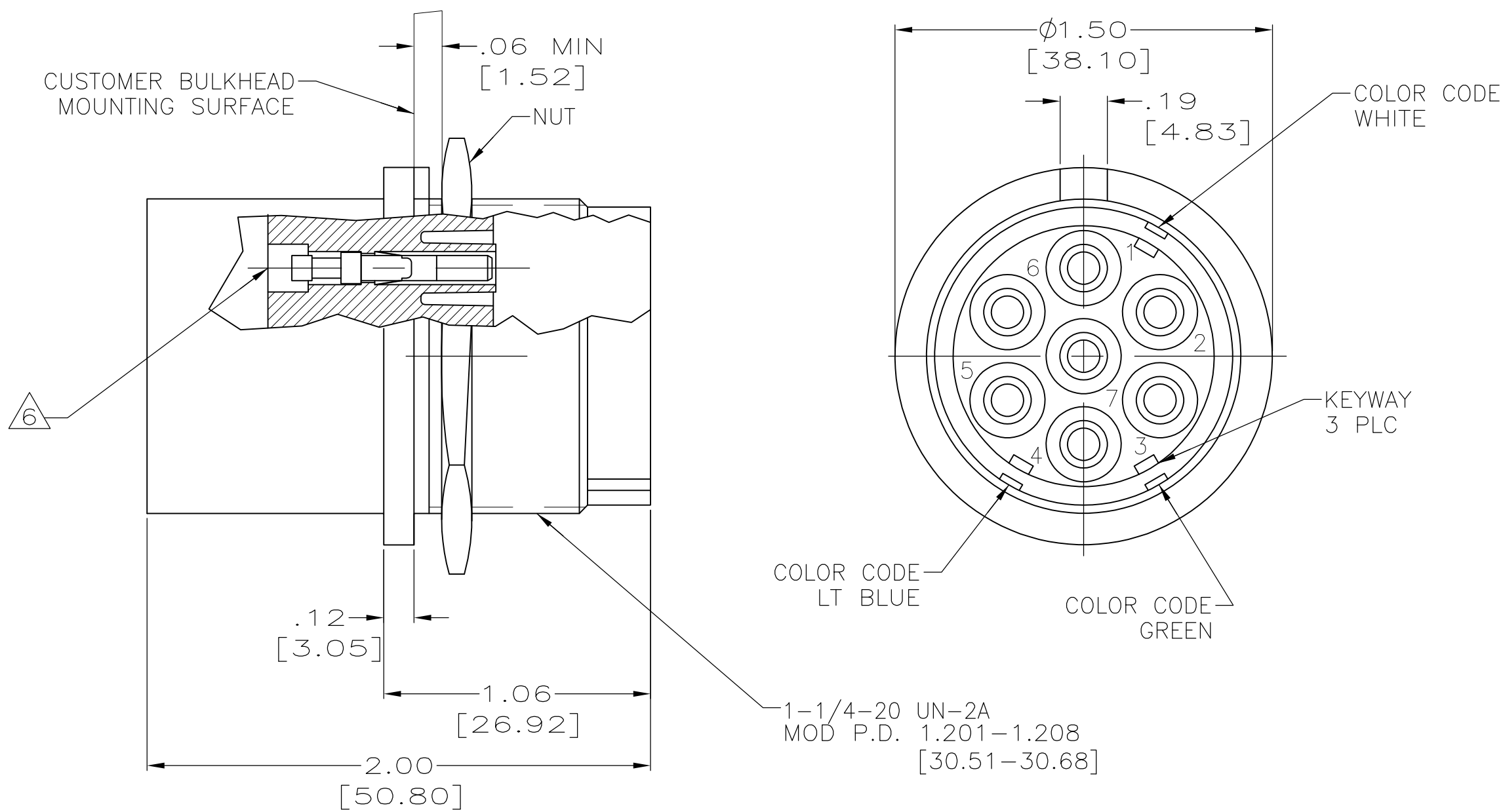
| LOC | DIST | REVISIONS |     |                           |         |     |
|-----|------|-----------|-----|---------------------------|---------|-----|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN |
| —   | —    |           | H2  | REVISED PER ECO-15-013197 | 16OCT15 | KG  |
|     |      |           |     |                           |         | DM  |

D

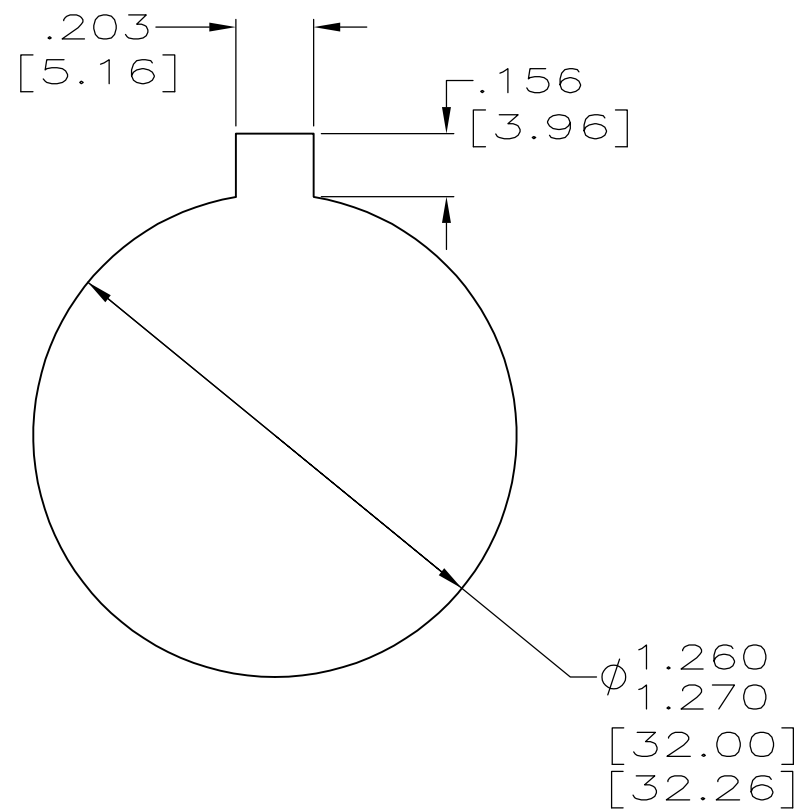
C

B

A



- SEVEN CONTACT CAVITIES ACCEPT TYPE II, SIZE 16 SOCKETS AND COAX CONTACTS AS SHOWN IN TABLE. EXTRACTION TOOL PART NUMBER IS 861751-1.
  - TYPE II SOCKETS TO ACCEPT 22 AWG – 24 AWG STRANDED WIRE. SOCKETS GOLD PLATED PER MIL-G-45204 TYPE II .000050 MIN THK.
  - RECEPTACLE WILL WITHSTAND WITHOUT BREAKDOWN, 27 KVDC PIN TO PIN & 27 KVDC PIN TO GRD WHEN MATED WITH 861648-1.
  - TYPE II SOCKETS TO ACCEPT ONE 16 AWG OR ONE 18 AWG STRANDED WIRE.
  - TYPE II SOCKETS TO ACCEPT 14 AWG STRANDED WIRE.
  - CUSTOMER TO ATTACH LEADS & PROTECT AGAINST ARC OVER & BREAKDOWN BY POTTING. SOCKETS TO BE COATED WITH RTV108
- 7 CRIMP CONTACTS PER TE 408-7516 AS SPECIFIED FOR EACH CONTACT PART NUMBER.



RECOMMENDED PANEL CUTOUT

|                             |              |                 |             |
|-----------------------------|--------------|-----------------|-------------|
| 201568-1                    | NO           | 14              | 861647-9    |
| 200333-1                    | NO           | 16,18           | 861647-8    |
| 201328-1                    | NO           | 20,22,24        | 861647-7    |
| —                           | YES          | NO SOCKETS      | 861647-6    |
| —                           | YES          | 14              | 861647-5    |
| —                           | YES          | 20-24 & COAX    | 861647-4    |
| 201328-1                    | YES          | 20-24 & COAX    | 861647-3    |
| 200333-1                    | YES          | 16,18           | 861647-2    |
| 201328-1                    | YES          | 20,22,24        | 861647-1    |
| CRIMP CONTACT PART NUMBER 7 | COLOR CODING | WIRE SIZE RANGE | PART NUMBER |

|                                                                                              |  |                          |                                                             |  |  |  |
|----------------------------------------------------------------------------------------------|--|--------------------------|-------------------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                       |  | DWN T. THOMPSON 03-22-95 | TE Connectivity                                             |  |  |  |
| DIMENSIONS: INCHES [mm]                                                                      |  | CHK D. EABY 04-19-95     |                                                             |  |  |  |
|                                                                                              |  | APVD D. EABY 04-19-95    | NAME RECEPTACLE, FLANGED H.V. 7 CONTACT, LGH                |  |  |  |
|                                                                                              |  | PRODUCT SPEC             |                                                             |  |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                       |  | APPLICATION SPEC         | SIZE A2 CAGE CODE 00779 DRAWING NO C=861647 RESTRICTED TO — |  |  |  |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± .04[1.02]<br>3 PLC ± .015[0.38]<br>4 PLC ± -<br>ANGLES ± - |  | —                        |                                                             |  |  |  |
| MATERIAL MOLDED PLASTIC                                                                      |  | FINISH BLACK             | WEIGHT — SCALE 2:1 SHEET 1 of 1 REV H2                      |  |  |  |
|                                                                                              |  | CUSTOMER DRAWING         |                                                             |  |  |  |