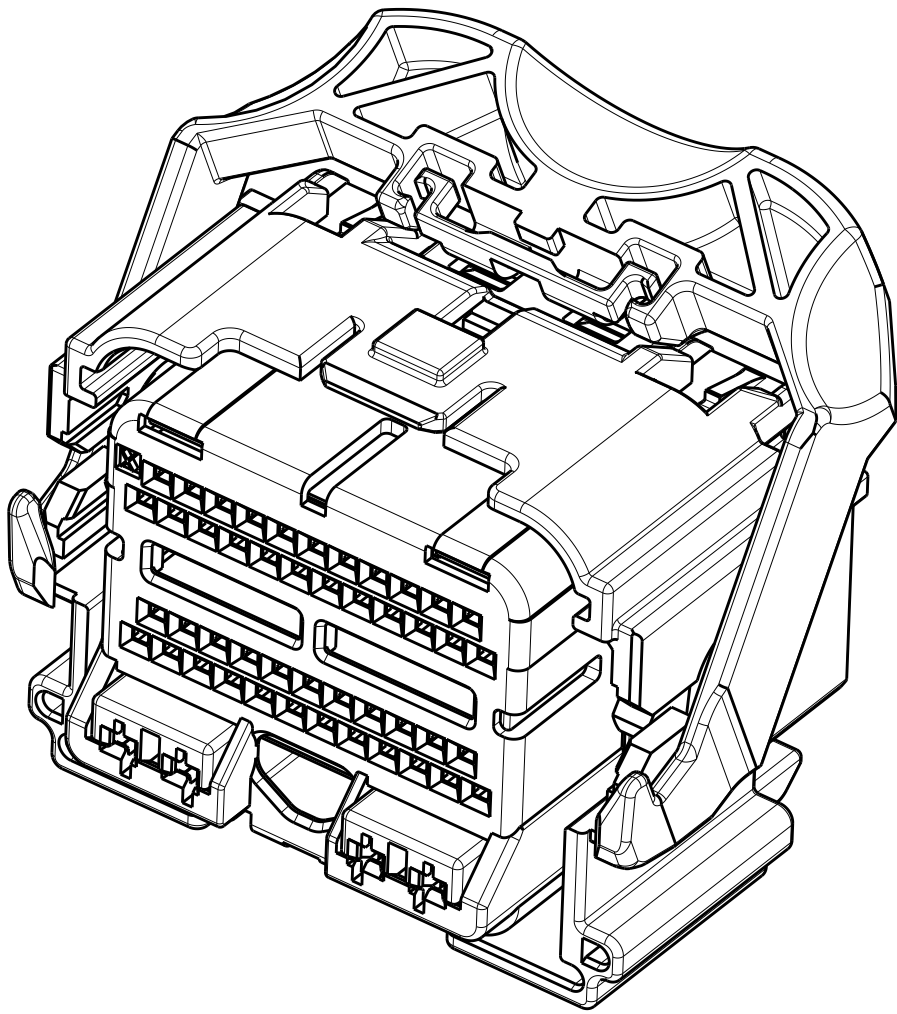
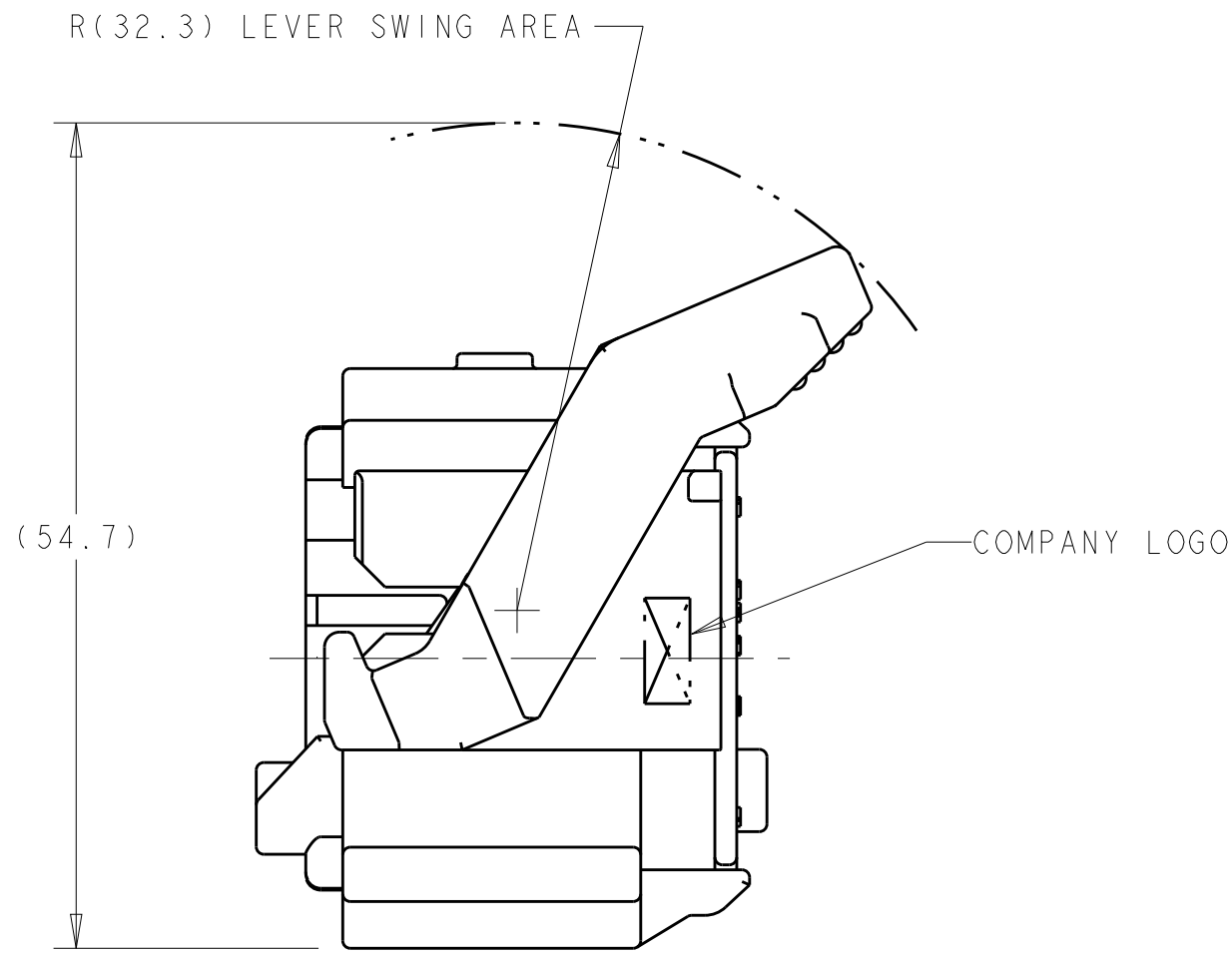
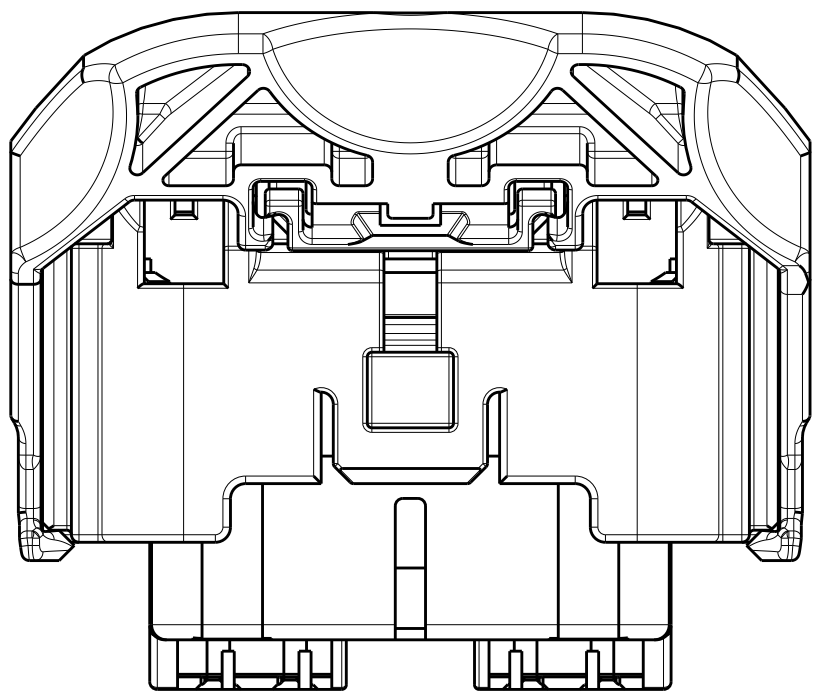


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| A15       |     | REVISED PER ECO-11-002569 | 25FEB2011 | DLD | DCM  |
| A16       |     | REVISED PER ECO-14-011102 | 22JUL2014 | DLD | DCM  |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

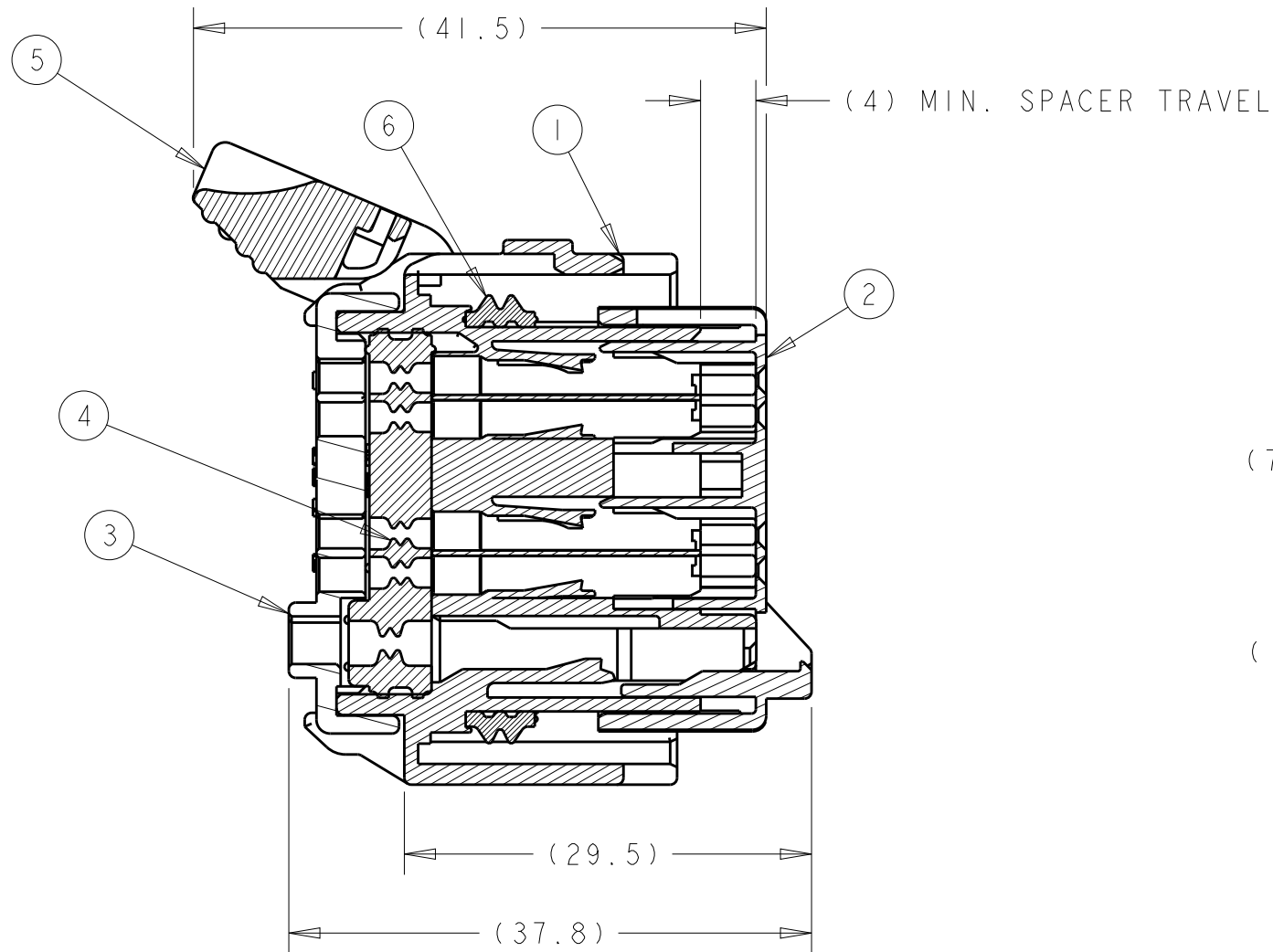


PART NUMBER:  
1438691-1  
SHOWN WITH SPACER  
IN SEATED POSITION  
SCALE 2:1

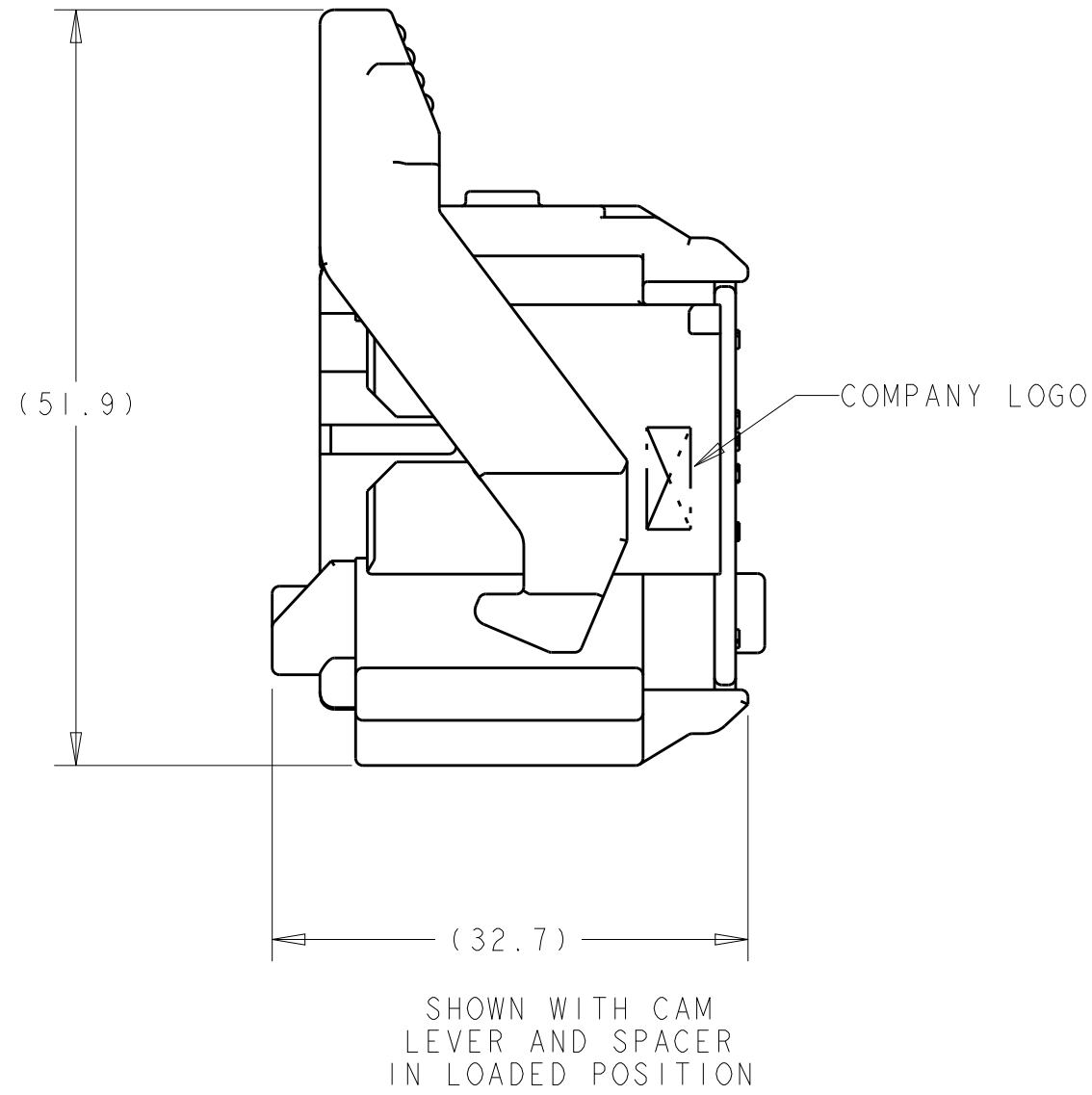
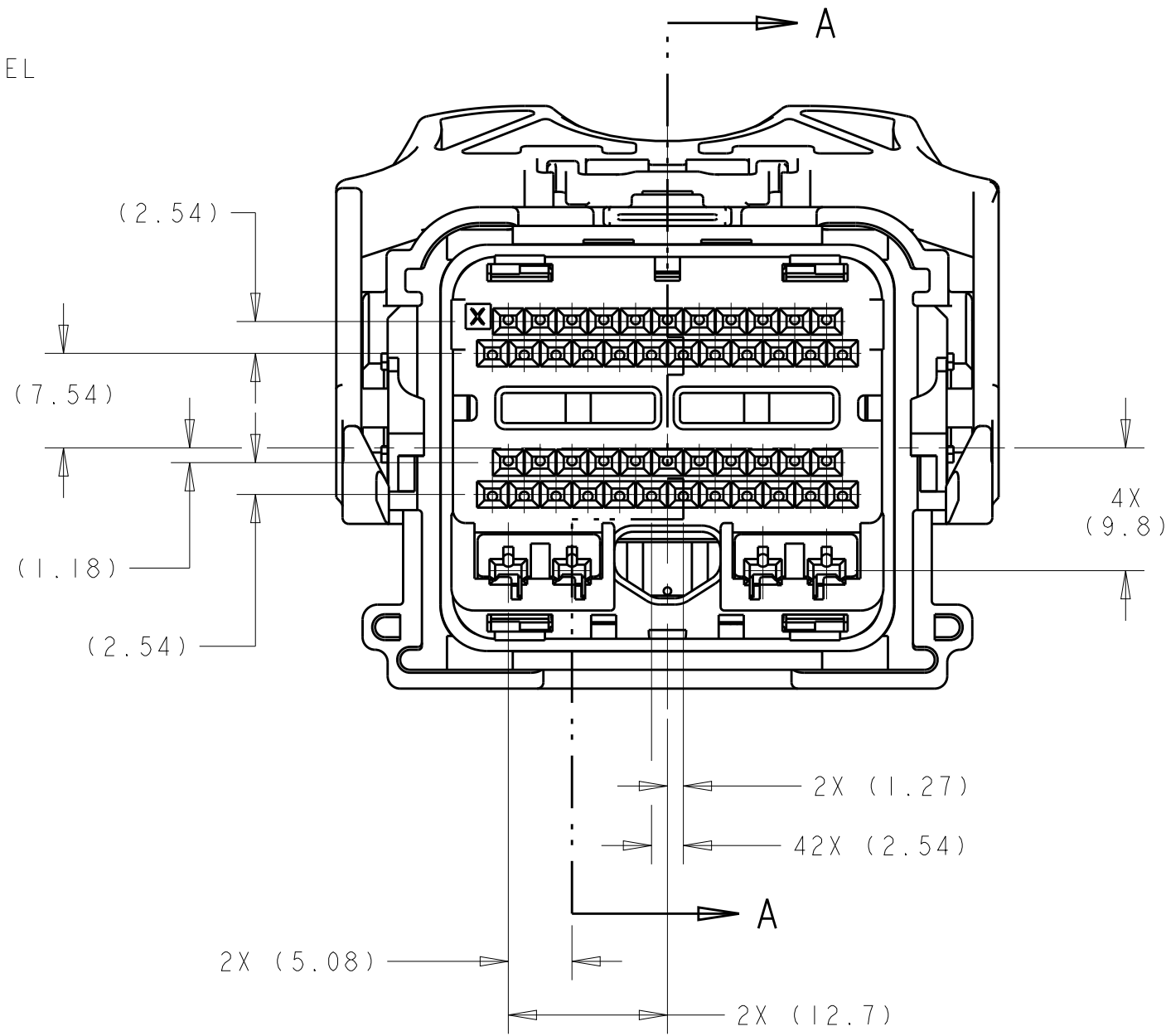


SHOWN WITH SPACER IN SEATED POSITION

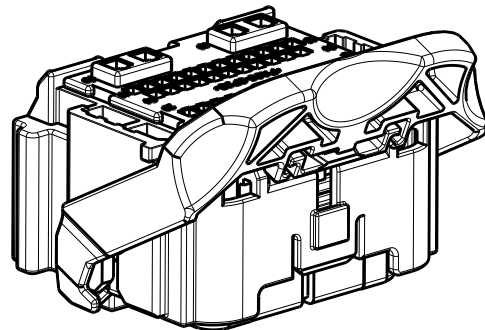
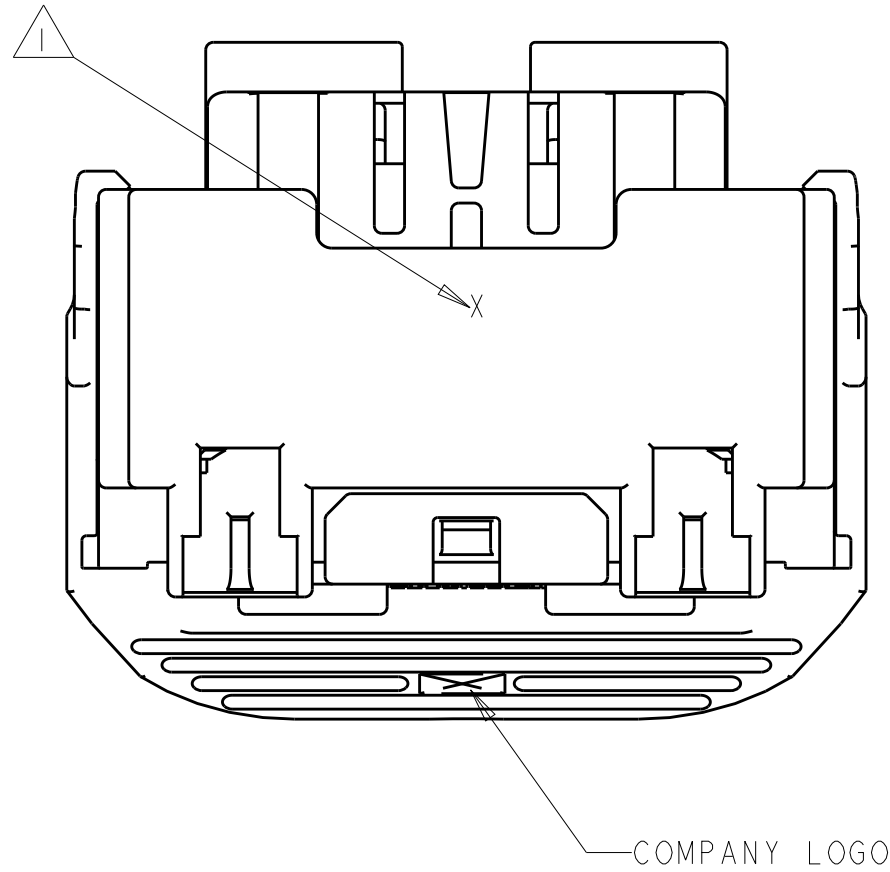
- ⚠️ PRINT TE PART NUMBER AND TRACEABILITY (YY : 2 DIGIT YEAR, JJJ = JULIAN DATE, HH = 2 DIGIT MILITARY HOUR CODE) IN THE LOCATION AT ASSEMBLY.
- ⚠️ OPTIONAL WIRE SHIELD PART NUMBERS (SOLD SEPARATELY) 1438126, 1438180, 1488373, AND 1488572. CONTACT TE ENGINEERING FOR MINIMUM FEED THRU CONDITION.
3. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY) FOR TIN APPLICATIONS: 1393367 AND 1393366. FOR GOLD APPLICATIONS: 1393365 AND 1393364 FOR TERMINATION AND REELING OPTIONS SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
4. APPLICABLE MOLEX (1.5) POWER TERMINAL PART NUMBERS: 33012-0002 TIN 0.50-1.50mm<sup>2</sup>
5. CAM LEVER AND SPACER ARE SHIPPED IN THEIR PRE-ASSEMBLED POSITIONS.
6. REFERENCE TE INSTRUCTION SHEET 408-8893.



SECTION A-A  
SPACER AND LEVER IN  
PRE-SEATED POSITION  
(DELIVERY CONDITION)



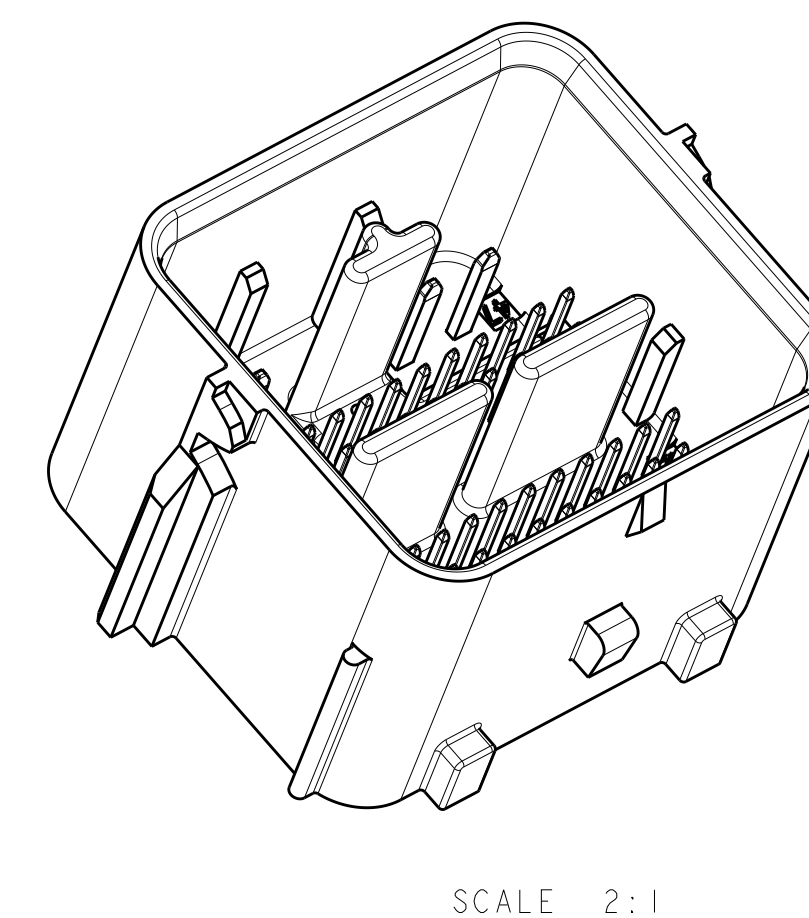
SHOWN WITH CAM  
LEVER AND SPACER  
IN LOADED POSITION



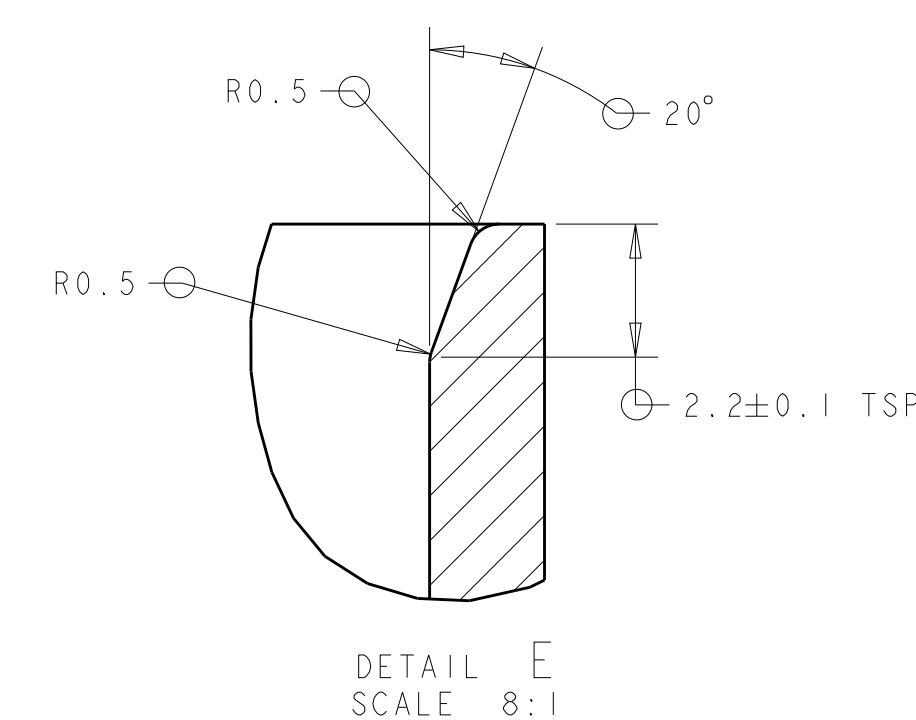
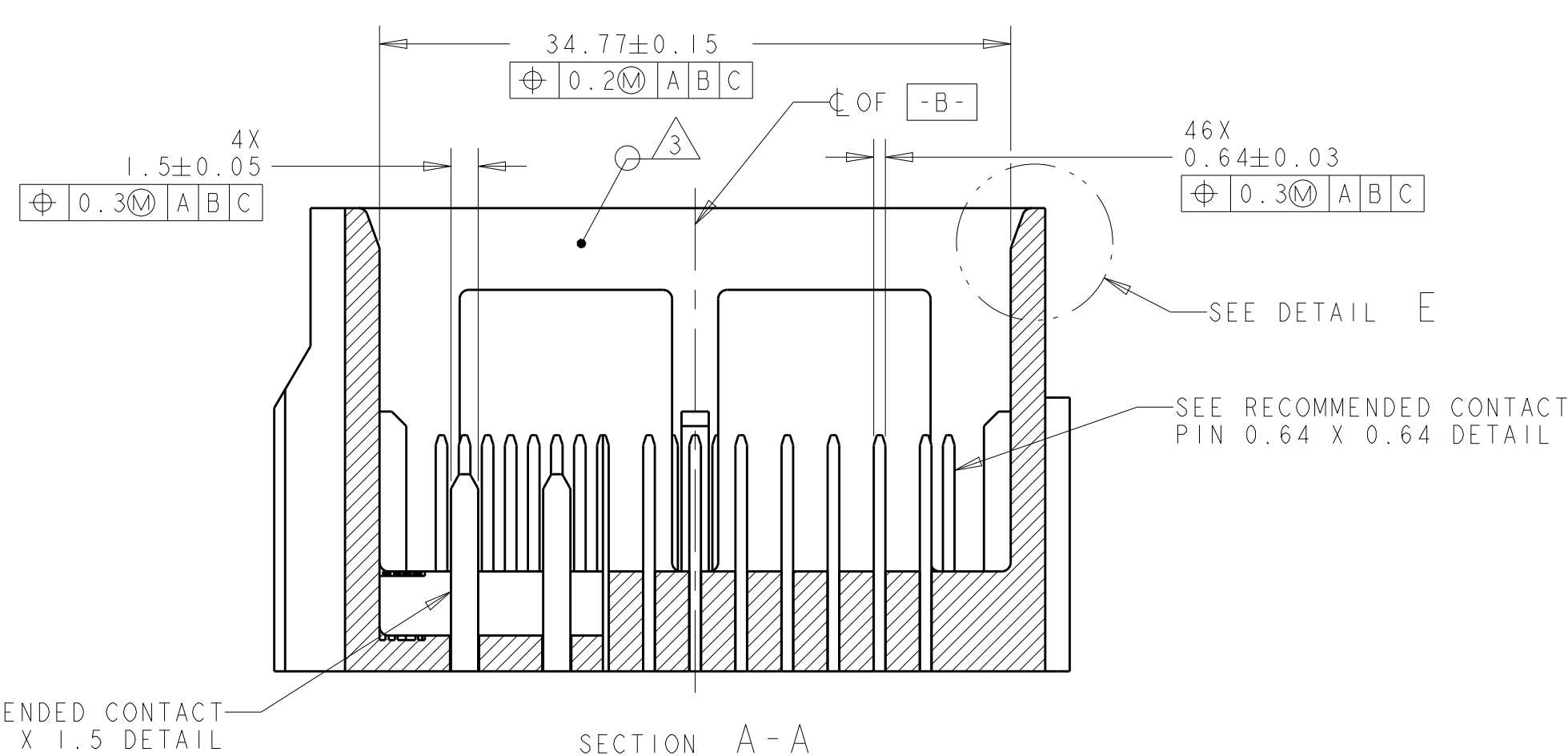
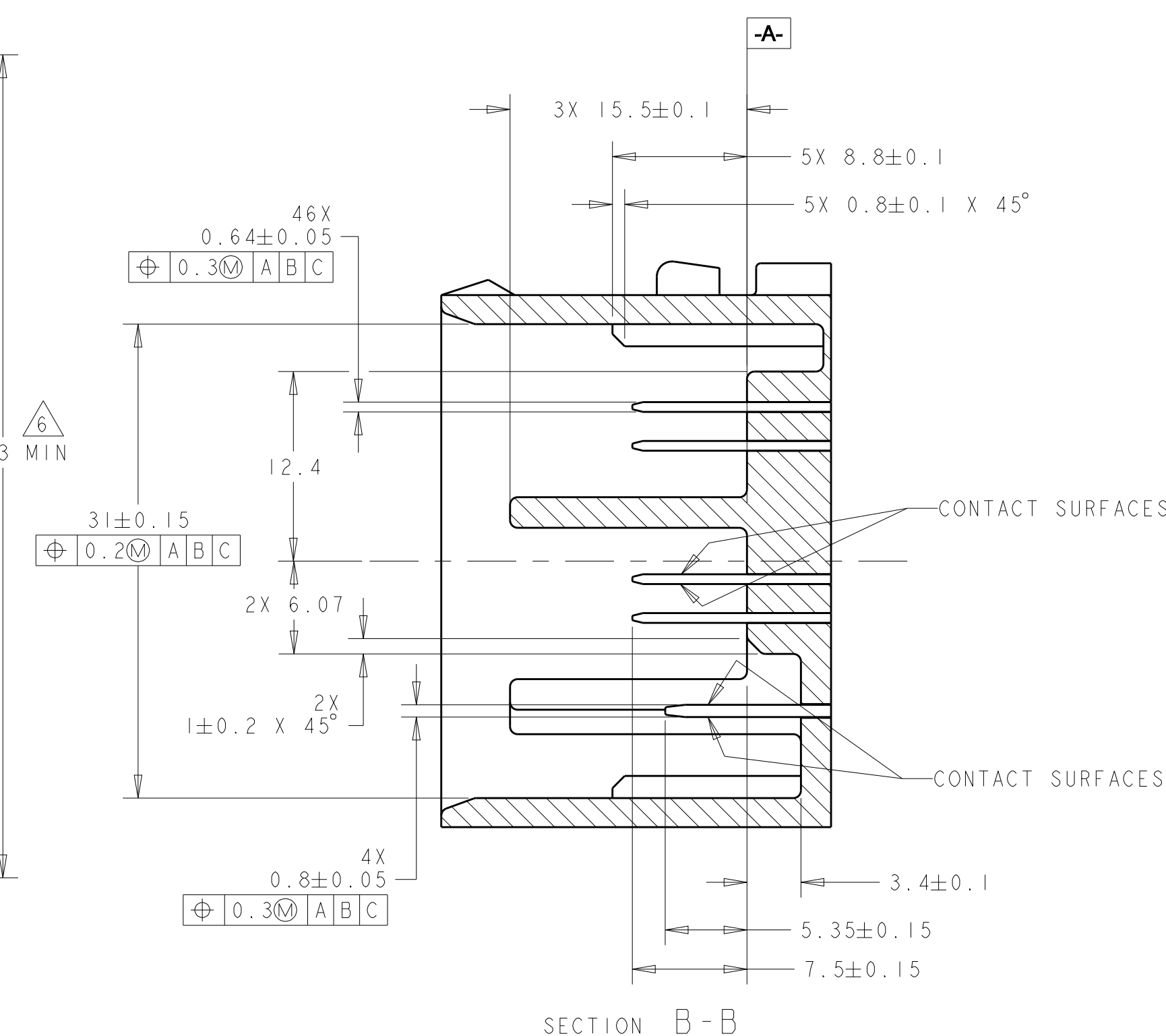
SCALE 1:1

|               |                  |             |
|---------------|------------------|-------------|
| GREEN         | PERIMETER SEAL   | 6           |
| GRAY          | LEVER            | 5           |
| BROWN         | GROMMET SEAL     | 4           |
| BLACK         | COVER            | 3           |
| RED           | SPACER           | 2           |
| BLACK         | HARNESS, KEY "A" | 1           |
| PART<br>COLOR | DESCRIPTION      | ITEM<br>NO. |

|                                        |  |                                  |                                            |                                |
|----------------------------------------|--|----------------------------------|--------------------------------------------|--------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. CRISAMORE<br>21JUL2004 | NAME                                       |                                |
| DIMENSIONS:                            |  | CHK<br>M. HITCHCOCK<br>21JUL2004 | TE Connectivity                            |                                |
| mm                                     |  | APVD<br>C. MARTIN<br>21JUL2004   |                                            |                                |
|                                        |  | PRODUCT SPEC                     | ASSEMBLY,<br>50-WAY, KEY A,<br>PCM HARNESS |                                |
|                                        |  | APPLICATION SPEC                 |                                            |                                |
| MATERIAL                               |  | WEIGHT                           | SIZE                                       | RESTRICTED TO                  |
| -                                      |  | -                                | A100779C=1438691                           | -                              |
| -                                      |  | -                                | Customer Drawing                           | SCALE 2:1 SHEET 1 OF 4 REV A16 |



 TERMINAL POSITION IDENTIFICATION.

4805 (3/13)

|                              |   |                          |   |                      |   |   |   |
|------------------------------|---|--------------------------|---|----------------------|---|---|---|
| 8                            | 7 | 6                        | 5 | 4                    | 3 | 2 | 1 |
| THIS DRAWING IS UNPUBLISHED. |   | RELEASED FOR PUBLICATION |   | 20                   |   |   |   |
| COPYRIGHT 20                 |   | BY -                     |   | ALL RIGHTS RESERVED. |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |
|                              |   |                          |   |                      |   |   |   |

| REVISIONS |      |             |      |     |      |
|-----------|------|-------------|------|-----|------|
| P.        | LTR. | DESCRIPTION | DATE | DWN | APVD |
|           | -    | SEE SHEET 1 | -    | -   | -    |
|           |      |             |      |     |      |
|           |      |             |      |     |      |
|           |      |             |      |     |      |

KEYING OPTION A

|                                                       |                                                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |             |                      |             |             |             |   |             |             |             |
|-------------------------------------------------------|--------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|-------------|----------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|
| KEYING OPTION A                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 9-1438691-8 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 |    | 17 |    | 15 |    |    |    |    |    | 5  | 4 | 3 | 2           |                      | 9-1438691-7 |             |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 18 |    |    |    |    |    |    |    | 5  |    | 3  | 2 |   | 9-1438691-6 |                      |             |             |             |   |             |             |             |
|                                                       |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13 |    |    |    |    | 5 |   | 3           | 2                    |             | 9-1438691-5 |             |   |             |             |             |
|                                                       |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    |    | 40 | 39 |    | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 13 |    |    |    |   | 5 |             | 3                    | 2           |             | 9-1438691-4 |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4 | 3 | 2           |                      | 9-1438691-3 |             |             |   |             |             |             |
|                                                       |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4 | 3 | 2           |                      | 9-1438691-2 |             |             |   |             |             |             |
|                                                       |                                                                    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4 | 3 | 2           |                      | 9-1438691-1 |             |             |   |             |             |             |
|                                                       |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  | 4 | 3 | 2           |                      | 9-1438691-0 |             |             |   |             |             |             |
|                                                       |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    |    | 40 | 39 |    | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    |    |    |    |    |    |    |    |    | 5 |   | 3           | 2                    |             | 8-1438691-9 |             |   |             |             |             |
|                                                       |                                                                    |    |    | 47 | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    |    |    |    |    |    |    |    |    |    | 5 |   | 3           | 2                    |             | 8-1438691-8 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5 |   | 3           | 2                    |             | 8-1438691-7 |             |   |             |             |             |
|                                                       |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 |    | 41 |    | 39 | 38 | 37 | 36 |    |    |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 |    | 18 |    |    |    |    |    |    |    | 5  |   | 3 | 2           |                      | 8-1438691-6 |             |             |   |             |             |             |
|                                                       |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5  | 4 | 3 | 2           |                      | 8-1438691-5 |             |             |   |             |             |             |
|                                                       |                                                                    |    | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5  | 4 |   |             | 8-1438691-4          |             |             |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 |    | 35 |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 8-1438691-3 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 |    | 35 |    |    | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 8-1438691-2 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    |    | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 8-1438691-1 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 |             |                      | 8-1438691-0 |             |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 |    | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 |             |                      | 7-1438691-9 |             |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 7-1438691-8 |             |   |             |             |             |
|                                                       |                                                                    |    |    | 46 |    |    |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 |    |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 | 17 |    |    |    |    |    | 6  | 5 | 4 | 3           | 2                    |             | 7-1438691-7 |             |   |             |             |             |
|                                                       |                                                                    |    |    | 46 | 45 | 44 | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 |    |    |    |    |    |    | 6  | 5 |   | 3           | 2                    |             | 7-1438691-6 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 |    |    |    | 43 |    | 41 | 40 | 39 | 38 | 37 | 36 | 35 |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 |    | 19 | 18 |    |    |    |    |    |    | 6  | 5 |   | 3           | 2                    |             | 7-1438691-5 |             |   |             |             |             |
|                                                       |                                                                    |    |    |    | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 | 31 |    | 29 | 28 |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 |    | 14 | 13 | 12 | 11 |   |   |             |                      | 6           | 5           | 4           | 3 | 2           |             | 7-1438691-4 |
|                                                       | CAVITIES WITH A NUMERIC SYMBOL INDICATES CLOSED TERMINAL LOCATIONS |    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 |    | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 |    |    |    |    |    | 11 |    | 9 | 7 | 6           |                      | 4           | 3           | 2           | 1 | 7-1438691-3 |             |             |
|                                                       |                                                                    |    |    |    |    | 45 |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 |    | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 |    |    |    |    | 11 |    | 9 | 7 | 6           |                      | 4           | 3           | 2           | 1 | 7-1438691-2 |             |             |
|                                                       |                                                                    |    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 |    |    |    |    | 11 |    | 9 | 7 | 6           |                      | 4           | 3           | 2           | 1 | 7-1438691-1 |             |             |
| BLANK CAVITIES INDICATES OPEN TERMINAL HOLE LOCATIONS |                                                                    |    |    |    | 45 |    | 43 | 42 | 41 | 40 | 39 | 38 | 37 |    | 35 | 34 |    | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 |    |    |    |    | 11 |   | 9 | 7           | 6                    |             | 4           | 3           | 2 | 1           | 7-1438691-0 |             |
|                                                       |                                                                    |    |    |    | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 |    | 33 | 32 | 31 |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 |    |    |    | 11 |    | 9 | 7 | 6           |                      | 4           | 3           | 2           | 1 | 6-1438691-9 |             |             |
| TERMINAL HOLE POSITION                                | 50                                                                 | 49 | 48 | 47 | 46 | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6  | 5  | 4  | 3 | 2 | 1           | ASSEMBLY PART NUMBER |             |             |             |   |             |             |             |
| PIN-OUT CHART                                         |                                                                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |             |                      |             |             |             |   |             |             |             |

PIN-OUT CHART

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
B. CRISAMORE  
21JUL2004

CHK  
M. HITCHCOCK  
21JUL2004

APVD  
C. MARTIN  
21JUL2004

DIMENSIONS:  
mm

0 PLC ±  
1 PLC ±0.3  
2 PLC ±0.10  
3 PLC ±  
4 PLC ±  
ANGLES ±1°  
FINISH

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±  
±0.3  
±0.10  
±  
±  
±1°

MATERIAL

-  
-

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

Customer Drawing

NAME

ASSEMBLY,  
50-WAY, KEY A,  
PCM HARNESS

SIZE

A100779

CAGE CODE

-

DRAWING NO

1438691

RESTRICTED TO

-

SCALE

2:1

SHEET

4

OF

4

REV

A16