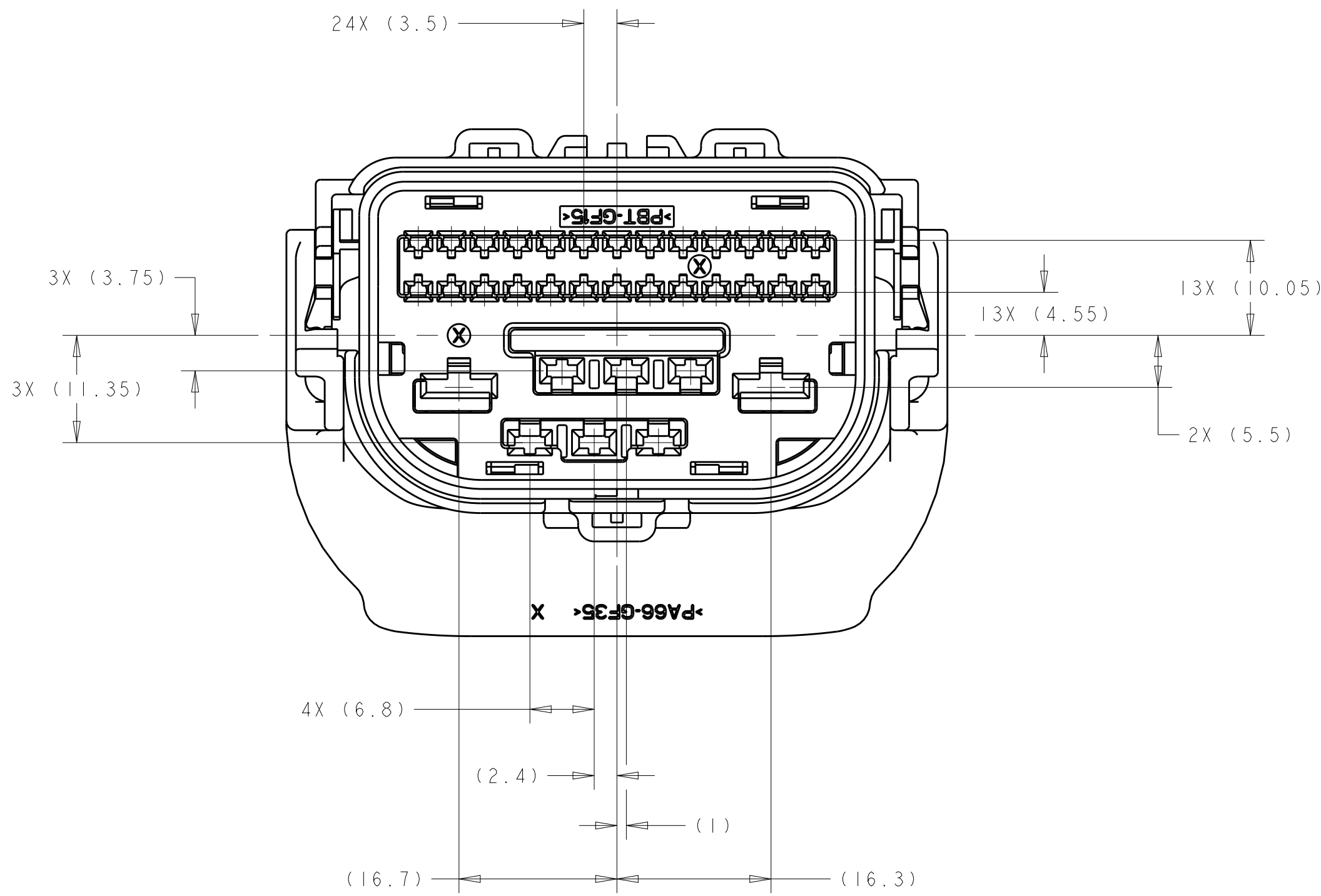
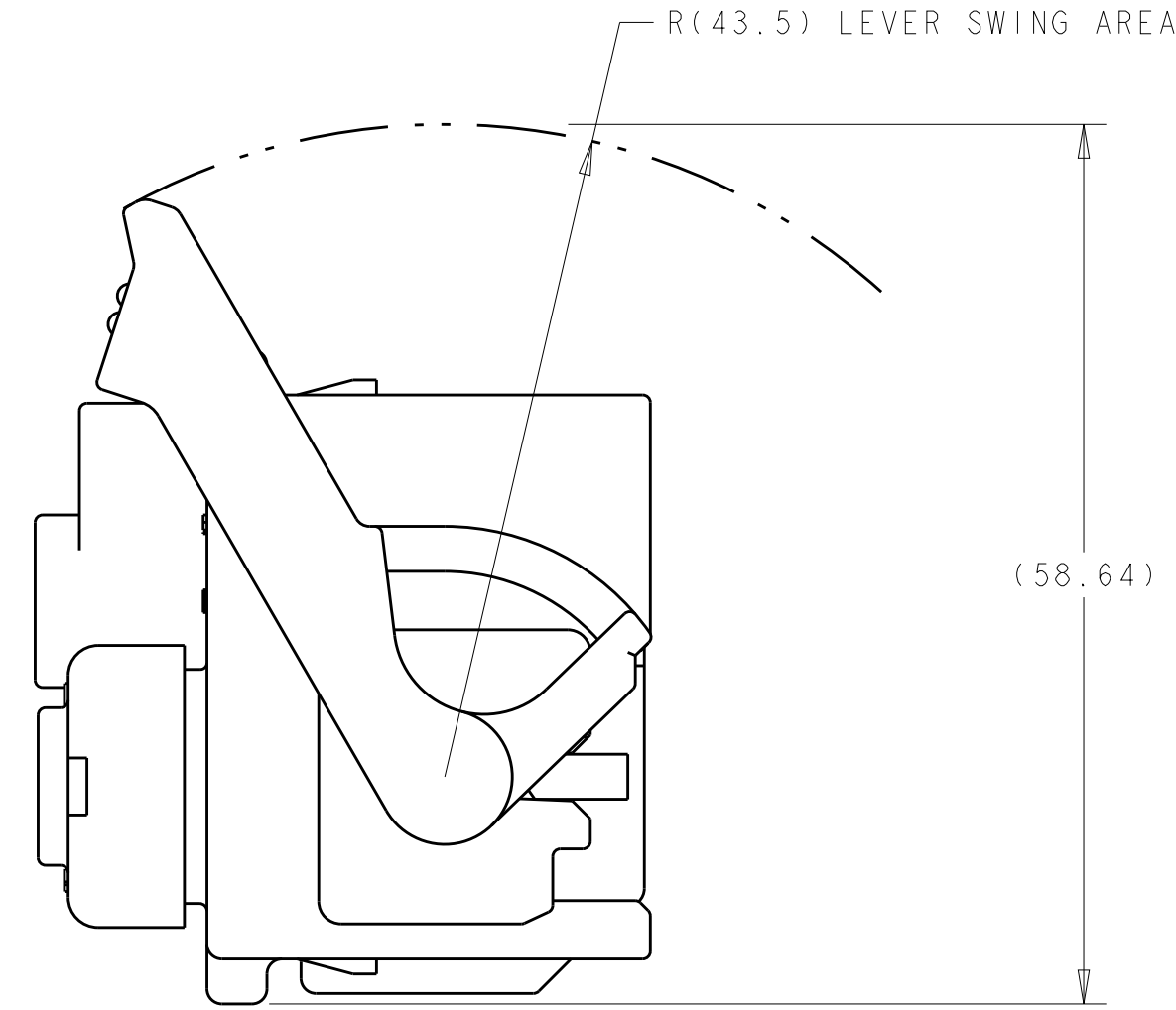
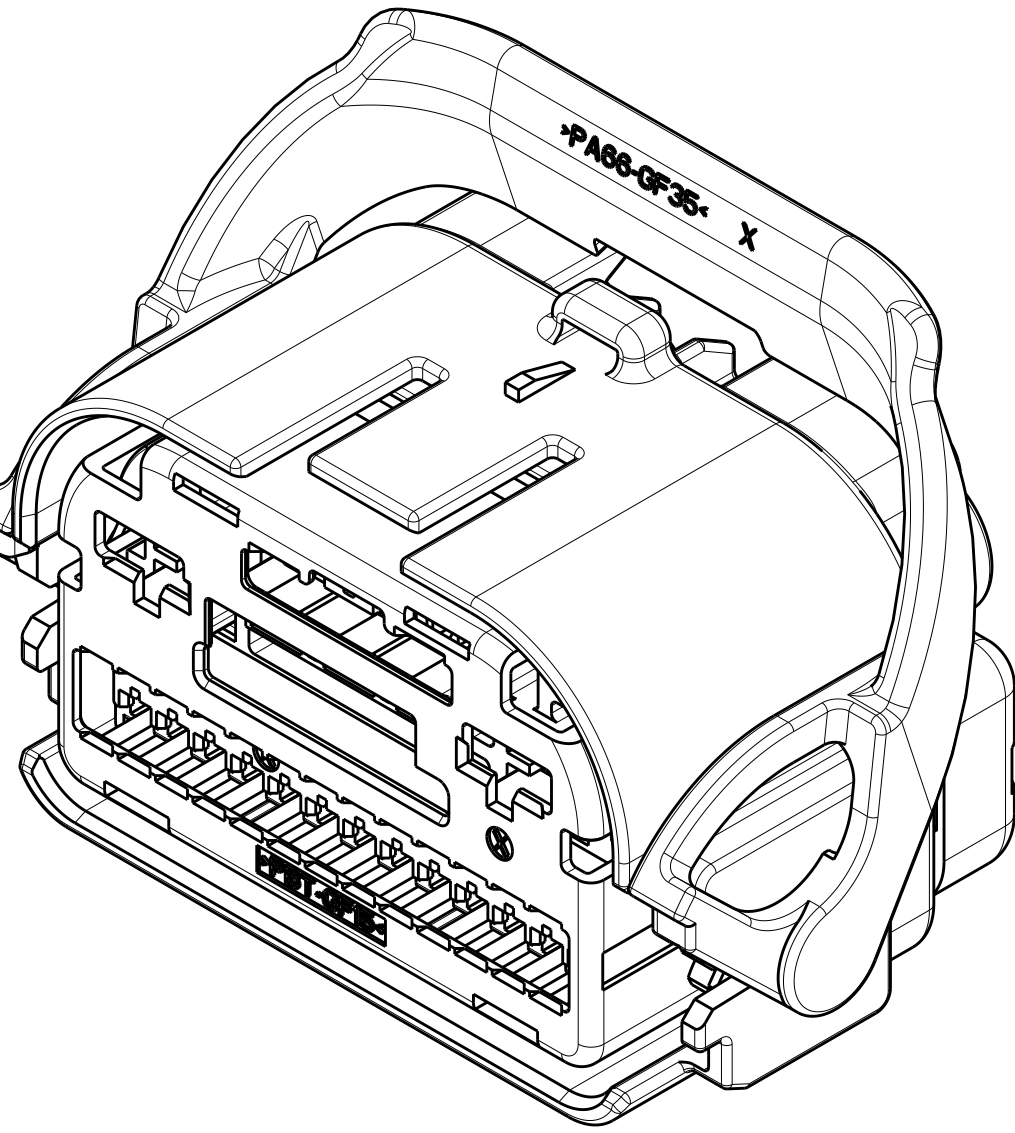
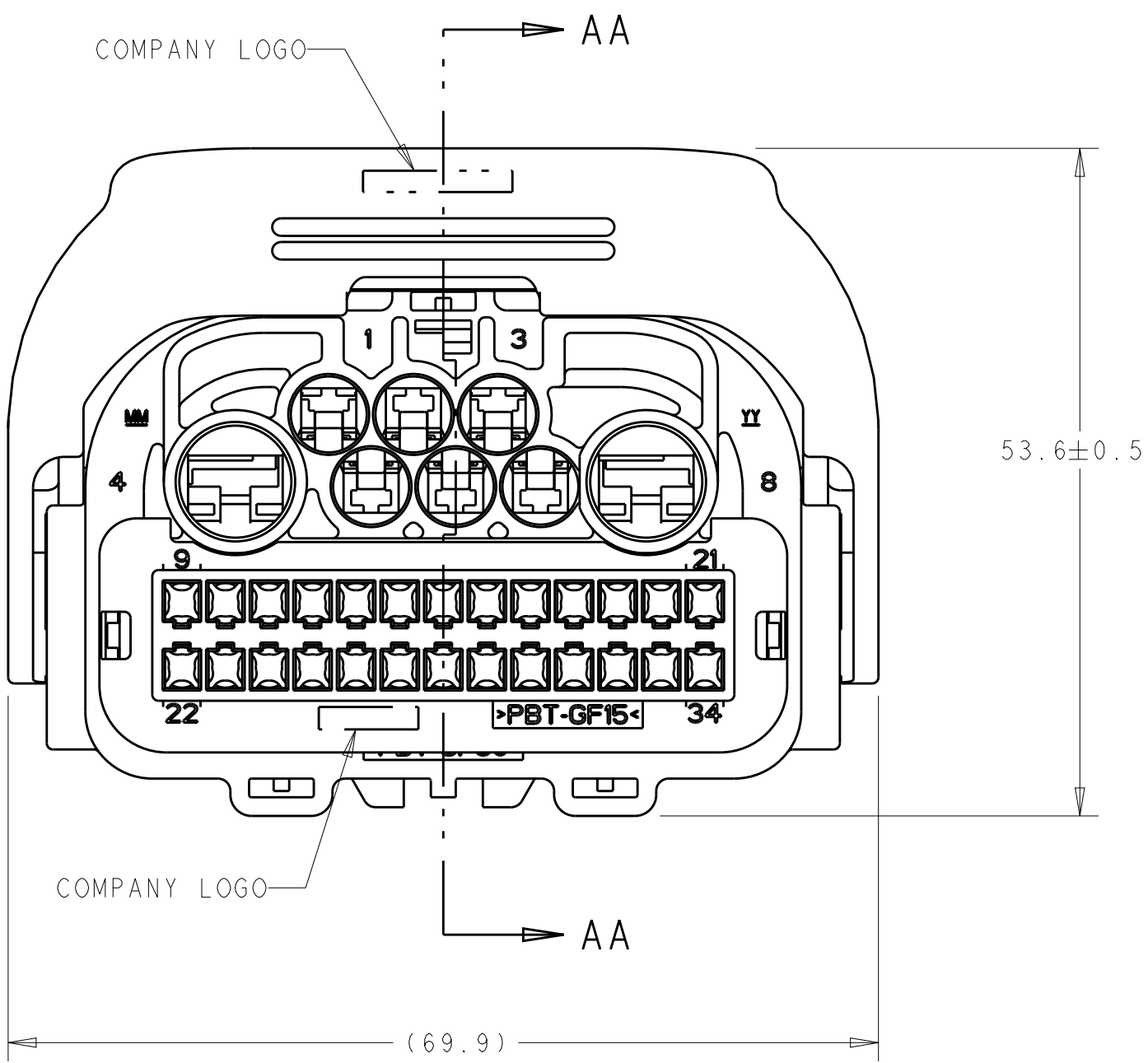
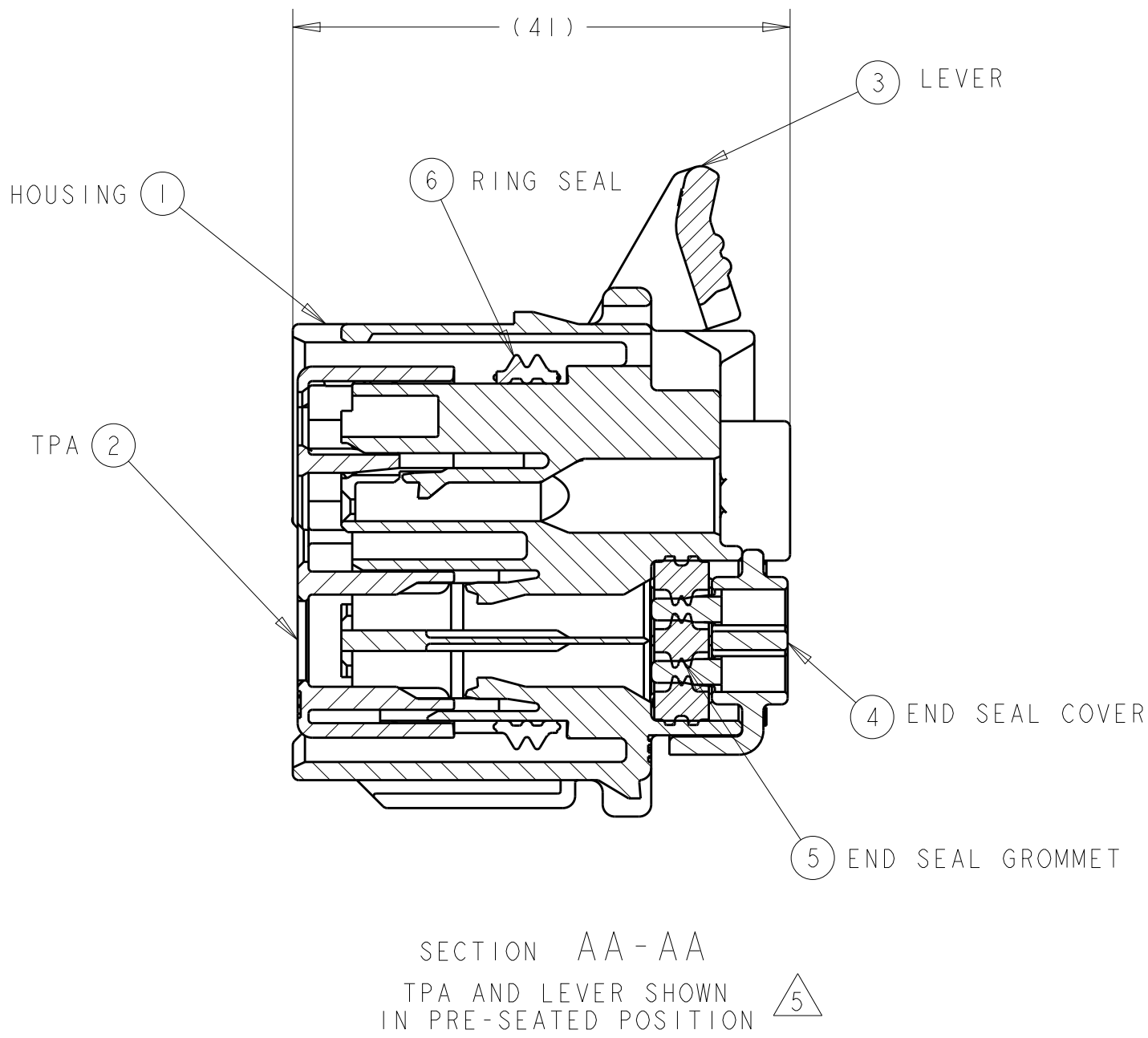


| LIST OF PARTS |         |         |      |                            |         |                        |                |               |
|---------------|---------|---------|------|----------------------------|---------|------------------------|----------------|---------------|
| QTY. REQUIRED |         |         | ITEM | DESCRIPTION                | COLOR   | MATERIAL SPECIFICATION | RECYCLING CODE | WEIGHT (GRAM) |
| INDEX C       | INDEX B | INDEX A |      |                            |         |                        |                |               |
| -             | -       | I       | 1    | HOUSING, KEYING OPTION "A" | BLACK   | 30% GF PBT             | >PBT-GF30<     | 41.4g         |
| -             | I       | -       | 1    | HOUSING, KEYING OPTION "B" | GRAY    | 30% GF PBT             | >PBT-GF30<     | 41.4g         |
| I             | -       | -       | 1    | HOUSING, KEYING OPTION "C" | NATURAL | 30% GF PBT             | >PBT-GF30<     | 41.4g         |
| I             | I       | I       | 2    | TPA                        | RED     | 15% GF PBT             | >PBT-GF15<     | 4.9g          |
| I             | I       | I       | 3    | LEVER                      | GRAY    | 33% GF NYLON           | >PA66-GF33<    | 6.2g          |
| I             | I       | I       | 4    | END SEAL COVER             | BLACK   | 15% GF PBT             | >PBT-GF15<     | 4.2g          |
| I             | I       | I       | 5    | END SEAL GROMMET           | LT BLUE | SILICON                | >VMO<          | 2.4g          |
| I             | I       | I       | 6    | RING SEAL                  | BLUE    | SILICON                | >VMO<          | 1.1g          |



| REVISIONS |    |                           |           |     |      |
|-----------|----|---------------------------|-----------|-----|------|
| P         | LV | DESCRIPTION               | DATE      | DWN | APPD |
| J16       |    | REVISED PER ECO-16-013452 | 13SEP2016 | DD  | GR   |
| J17       |    | REVISED PER ECO-17-008039 | 05JAN2017 | DD  | GR   |
| J18       |    | REVISED PER ECO-17-015830 | 30OCT2017 | JMS | GR   |
| J19       |    | REVISED PER ECO-18-012105 | 31JUL2018 | JMS | HC   |

- PART MUST CONFORM TO THE USCAR-2 SPECIFICATION, DATED 07/DEC/00 (REVISION 3).
- 0.2mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR PLASTIC PARTS.
- PRODUCTION DATE CODE (YYDD) AND ASSEMBLY PART NUMBER (LAST 3 DIGITS OF FORD/JLR PN ACCEPTABLE) MUST BE LEGIBLE AND PERMANENTLY APPLIED WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.  
  
PRODUCTION DATE CODE AND PINOUT ID CODE MUST BE LEGIBLE AND PERMANENTLY APPLIED WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.
- MATES WITH ASSEMBLY SHOWN ON DRAWING 1587042.  
  
SEE TYCO ELECTRONICS (TE) INSTRUCTION SHEET 408-8911 FOR PROPER POSITIONING OF TPA AND TE INSTRUCTION SHEET 408-8832 FOR APPLICATION USE OF CONNECTOR SYSTEM.

| APPLICABLE COMPONENTS (FOR REFERENCE ONLY) |               |          |                      | APPLICABLE WIRE SIZES (FOR REFERENCE ONLY) | COMPONENT MATING PART NUMBER |
|--------------------------------------------|---------------|----------|----------------------|--------------------------------------------|------------------------------|
| DESCRIPTION                                | COLOR/PLATING | SUPPLIER | SUPPLIER PART NUMBER |                                            |                              |
| TERMINAL - FEMALE<br>1.5mm                 | TIN           | MOLEX    | 33012-0002           | 16-20 AWG<br>OR METRIC EQUIVALENT          | 33000-0002                   |
| TERMINAL - FEMALE<br>2.8mm                 | TIN           | TYCO     | 1326032-2            | 20 AWG<br>OR METRIC EQUIVALENT             | 1326031-2                    |
| TERMINAL - FEMALE<br>2.8mm                 | TIN           | TYCO     | 1326032-3            | 18 AWG<br>OR METRIC EQUIVALENT             | 1326031-3                    |
| TERMINAL - FEMALE<br>2.8mm                 | TIN           | TYCO     | 1326032-4            | 16 AWG<br>OR METRIC EQUIVALENT             | 1326031-4                    |
| TERMINAL - FEMALE<br>2.8mm                 | TIN           | TYCO     | 1326032-5            | 14 AWG<br>OR METRIC EQUIVALENT             | 1326031-5                    |
| TERMINAL - FEMALE<br>2.8mm                 | TIN           | TYCO     | 1326032-6            | 12 AWG<br>OR METRIC EQUIVALENT             | 1-1326031-1                  |
| CABLE SEAL - 2.8mm                         | GREEN         | YAZAKI   | 7158-3111-60         | 1.2-1.9mm WIRE O.D.                        | N/A                          |
| CABLE SEAL - 2.8mm                         | YELLOW        | YAZAKI   | 7158-3112-70         | 1.8-2.3mm WIRE O.D.                        | N/A                          |
| CABLE SEAL - 2.8mm                         | WHITE         | YAZAKI   | 7158-3113-40         | 2.1-3.0mm WIRE O.D.                        | N/A                          |
| CABLE SEAL - 2.8mm                         | LT GRAY       | YAZAKI   | 7158-3110-40         | 3.1-3.3mm WIRE O.D.                        | N/A                          |
| TERMINAL - FEMALE<br>6.3mm                 | TIN           | YAZAKI   | 7116-4140-02         | 20-16 AWG<br>OR METRIC EQUIVALENT          | 7114-4140-02                 |
| TERMINAL - FEMALE<br>6.3mm                 | TIN           | YAZAKI   | 7116-4141-02         | 14 AWG<br>OR METRIC EQUIVALENT             | 7114-4141-02                 |
| CABLE SEAL - 6.3mm                         | RED           | YAZAKI   | 7158-3081-50         | 1.4-2.3mm WIRE O.D.                        | N/A                          |
| CABLE SEAL - 6.3mm                         | BLUE          | YAZAKI   | 7158-3082-90         | 2.1-3.0mm WIRE O.D.                        | N/A                          |
| CABLE SEAL - 6.3mm                         | BLACK         | YAZAKI   | 7158-3083            | 3.0-3.8mm WIRE O.D.                        | N/A                          |
| ANTI-ROTATION CLIP                         | NATURAL       | TRW      | PC47597-1            | N/A                                        | N/A                          |

NOTE: SEE SUPPLIER DRAWINGS FOR LATEST INFORMATION AND CRIMP SPECIFICATIONS.







