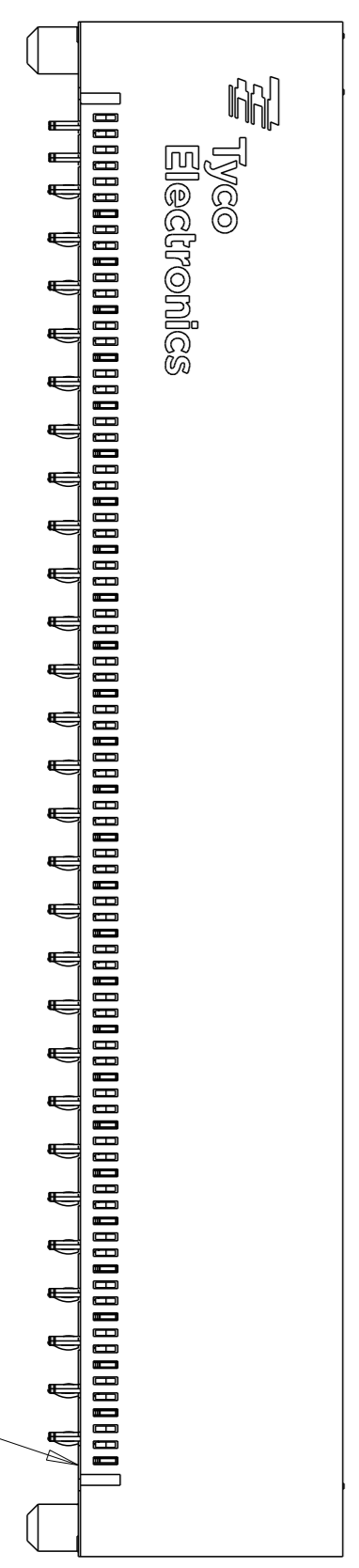
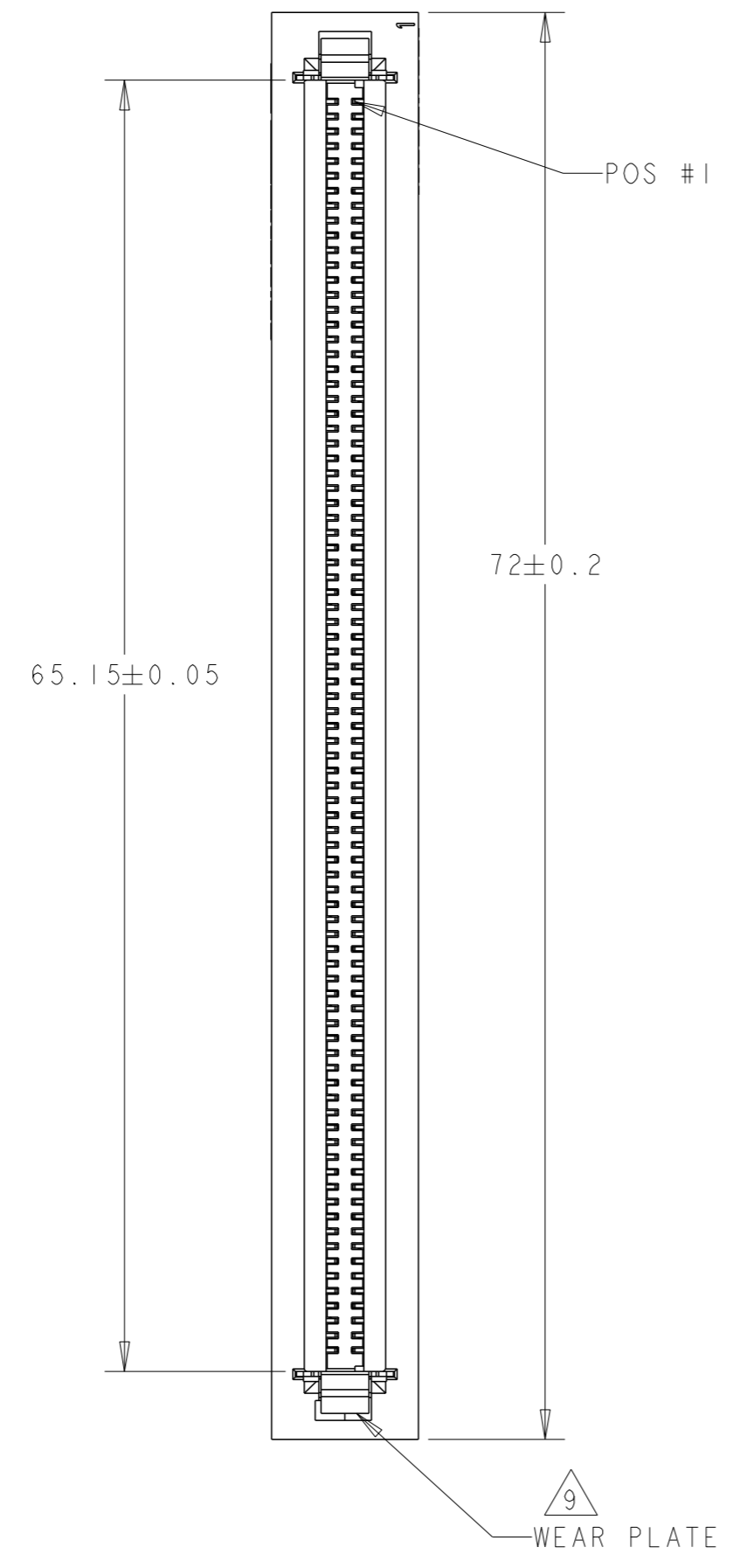


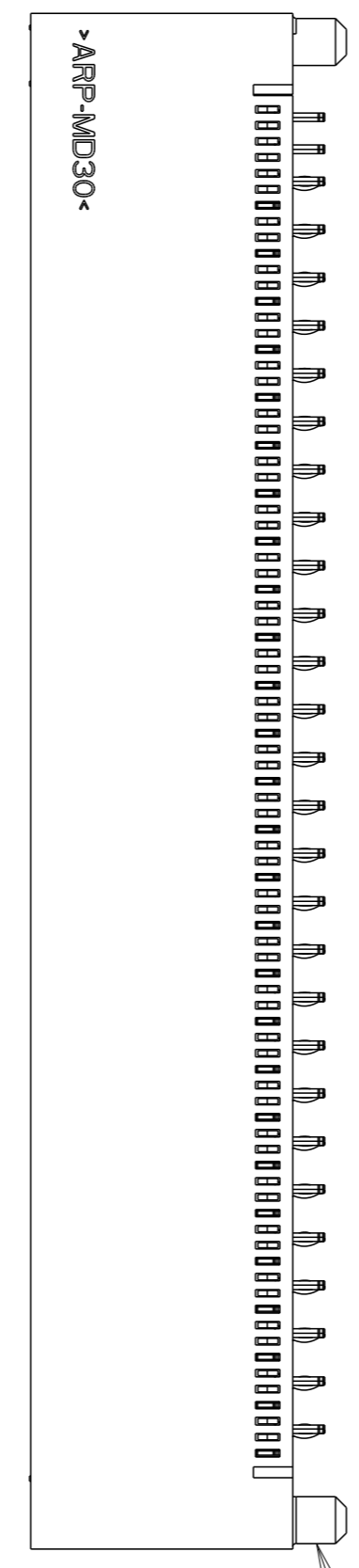
| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| CC | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | B | | REVISED PER ECO-12-010367 | 05JUN2012 | AZ | AC |



10 INSULATION FILM

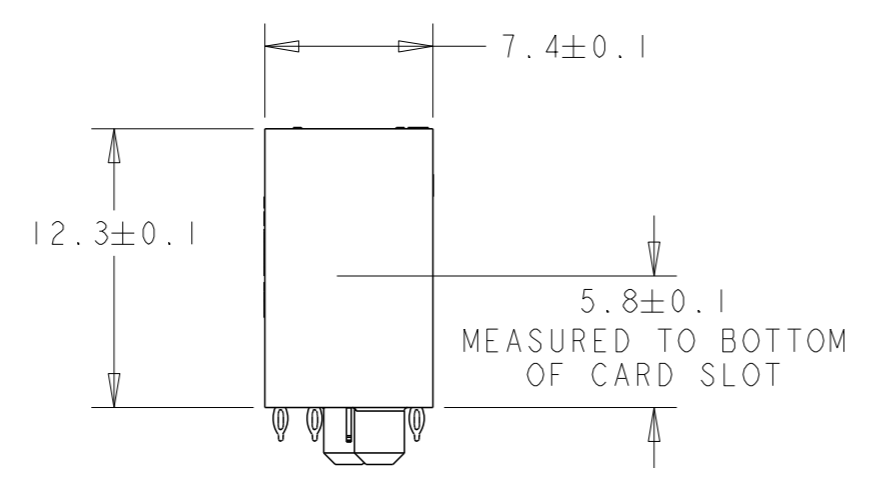
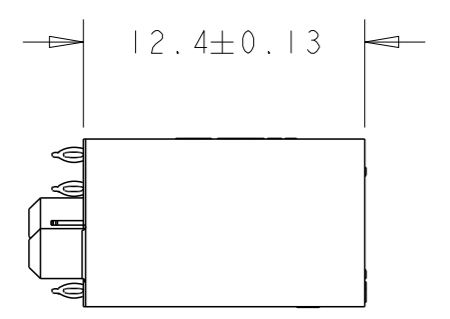


9 WEAR PLATE



ALIGNMENT POST

- 1 PCB HOLE DIMENSIONS:
 DRILLED HOLE = 0.64±0.02 mm
 FINISHED HOLE = 0.55 mm REF
 Cu THICKNESS = 25-50 um WITH EITHER
 PLATING THICKNESS:
 HASL Sn Pb = 4-10 um OR
 IMMERSION Sn = MIN 0.5 um OR
 OSP = 0.2-0.5 um OR
 IMMERSION Au/Ni = 0.5-1.2 um Au OVER 3.0-7.0 um Ni OR
 IMMERSION Ag = 0.1 um MIN
- 2 MATERIAL:
 HOUSING- LCP, 94V-0 RATED, COLOR- BLACK
 CONTACTS- COPPER ALLOY
 WEAR PLATE- STAINLESS STEEL
 INSULATION FILM- MYLAR
- 3 FINISH- MATING AREA- 0.76 um MIN GOLD OR
 0.64 um MIN PALLADIUM-NICKEL OVER 1.27um MIN NICKEL
 COMPLIANT PIN AREA- 0.5 um MATTE TIN OVER 1.27 um NICKEL.
- 4 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
- 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE GR-1217-CORE ISSUE 1, NOVEMBER 1995.
- 7 REFER TO TE CONNECTIVITY APPLICATION SPECIFICATION 114-13180 FOR SPECIFIC APPLICATION RELATED INFORMATION.
- 8 FINISH- MATING AREA- 0.76 um MIN GOLD OR
 0.64 um MIN PALLADIUM-NICKEL OVER 1.27um MIN NICKEL
 COMPLIANT PIN AREA- 0.5 um BRIGHT TIN-LEAD OVER 1.27 um NICKEL.
- 9 WEAR PLATE EXTENDS FROM TOP OF CONNECTOR TO BOTTOM OF SLOT AND IS USED TO ELIMINATE WEAR OF THE HOUSING CAUSED BY THE EDGE OF THE PCB CARD.
- 10 INSULATION FILM USED WHEN ADDITIONAL INSULATION SPACING IS NEEDED BETWEEN PCB TRACES AND CONTACTS.



VIEWS FOR PART NUMBERS WITH INSULATION FILM
 2-1469820-1 THRU 2-1469820-4

| INSULATION FILM | FINISH | WEAR PLATE | ALIGNMENT POSTS | PART NUMBER |
|-----------------|--------|------------|-----------------|-------------|
| YES | 8 | YES | YES | 2-1469820-4 |
| YES | 8 | YES | NO | 2-1469820-3 |
| YES | 3 | YES | YES | 2-1469820-2 |
| YES | 3 | YES | NO | 2-1469820-1 |
| NO | 8 | YES | YES | 1-1469820-4 |
| NO | 8 | YES | NO | 1-1469820-3 |
| NO | 3 | YES | YES | 1-1469820-2 |
| NO | 3 | YES | NO | 1-1469820-1 |
| NO | 8 | NO | YES | 1469820-4 |
| NO | 8 | NO | NO | 1469820-3 |
| NO | 3 | NO | YES | 1469820-2 |
| NO | 3 | NO | NO | 1469820-1 |

OBSOLETE

SUPERCEDED BY 1-1469820-4
 SUPERCEDED BY 1-1469820-3
 SUPERCEDED BY 1-1469820-2
 SUPERCEDED BY 1-1469820-1

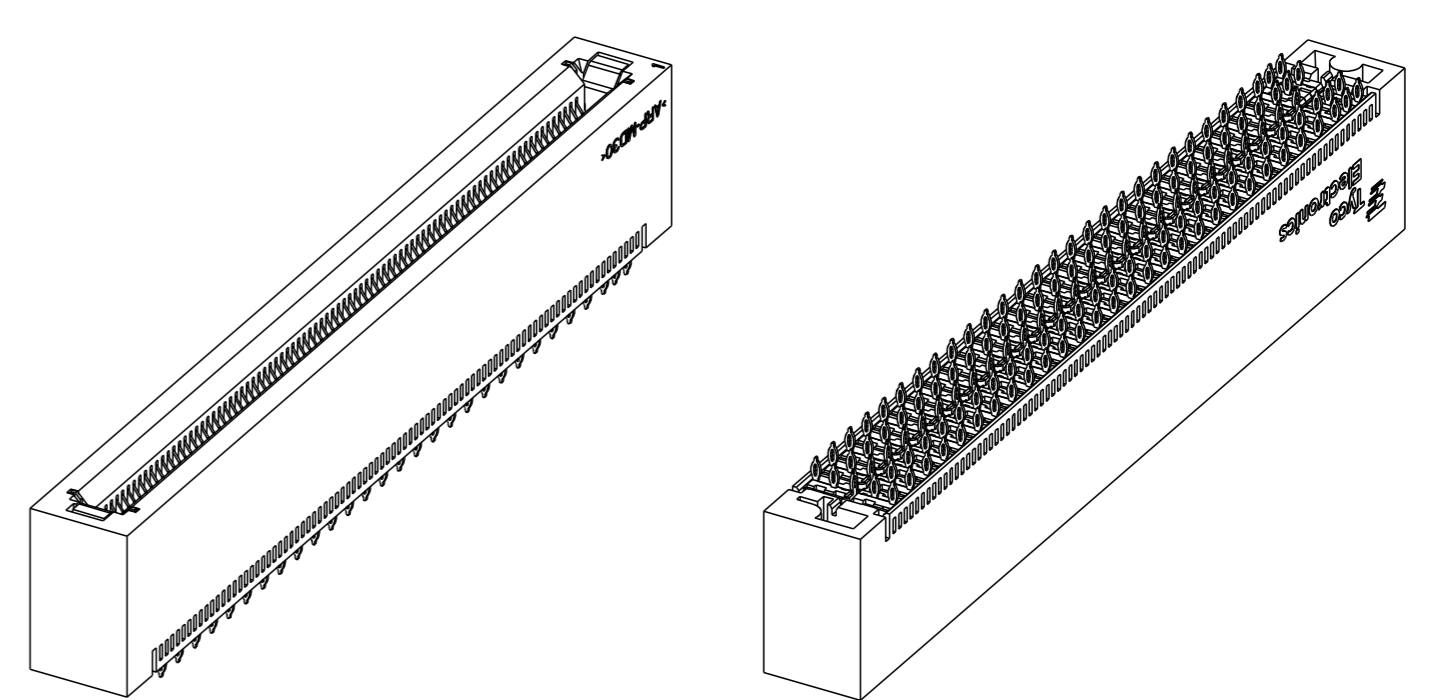
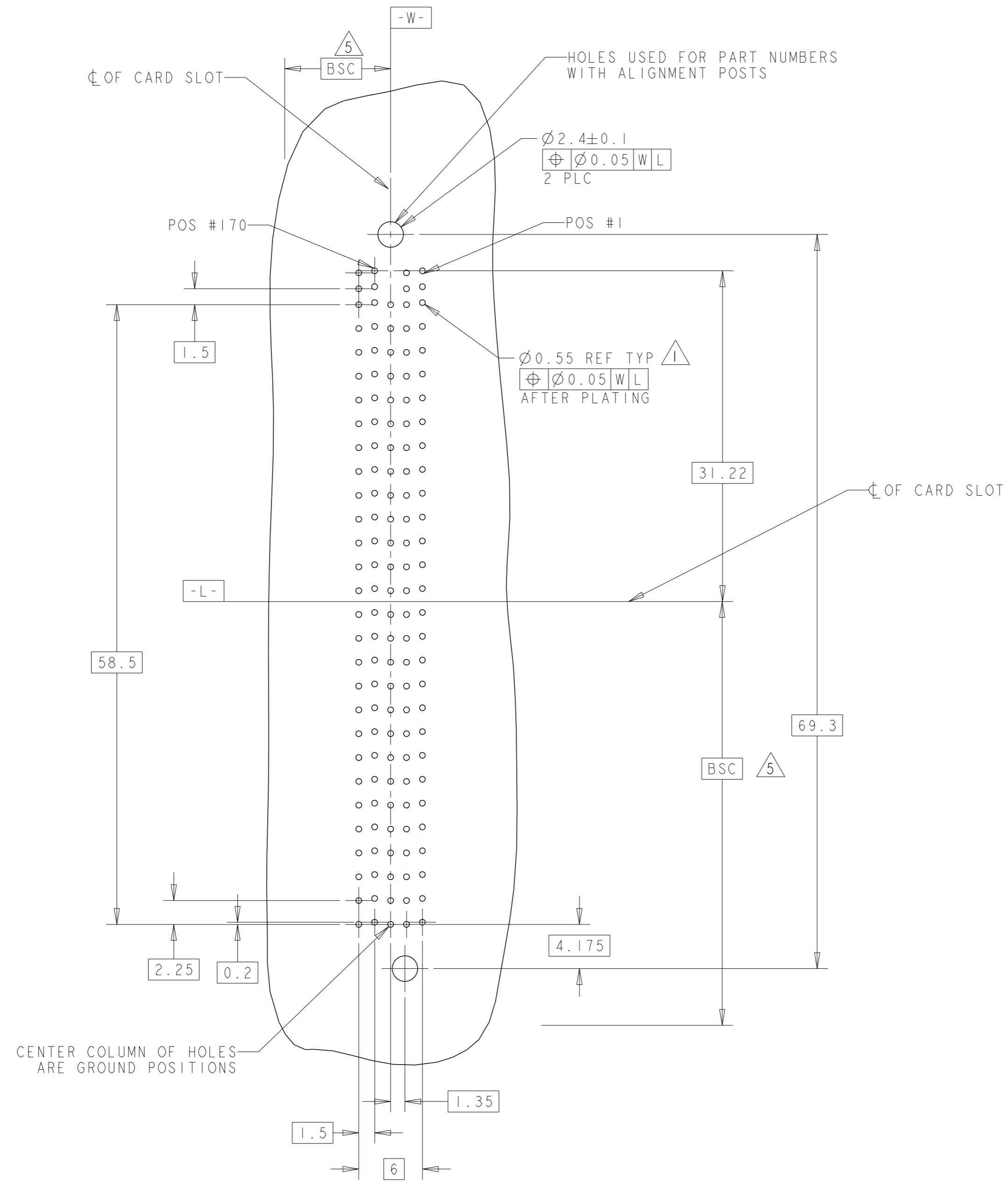
THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | |
|----------------|--|---|--|---------------|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ± FINISH | DWN D. SZCZESNY CHK - APVD - PRODUCT SPEC 108-2254 APPLICATION SPEC 114-13180 WEIGHT - | NAME SIZE CAGE CODE DRAWING NO A200779 C=1469820 | RESTRICTED TO |
|----------------|--|---|--|---------------|

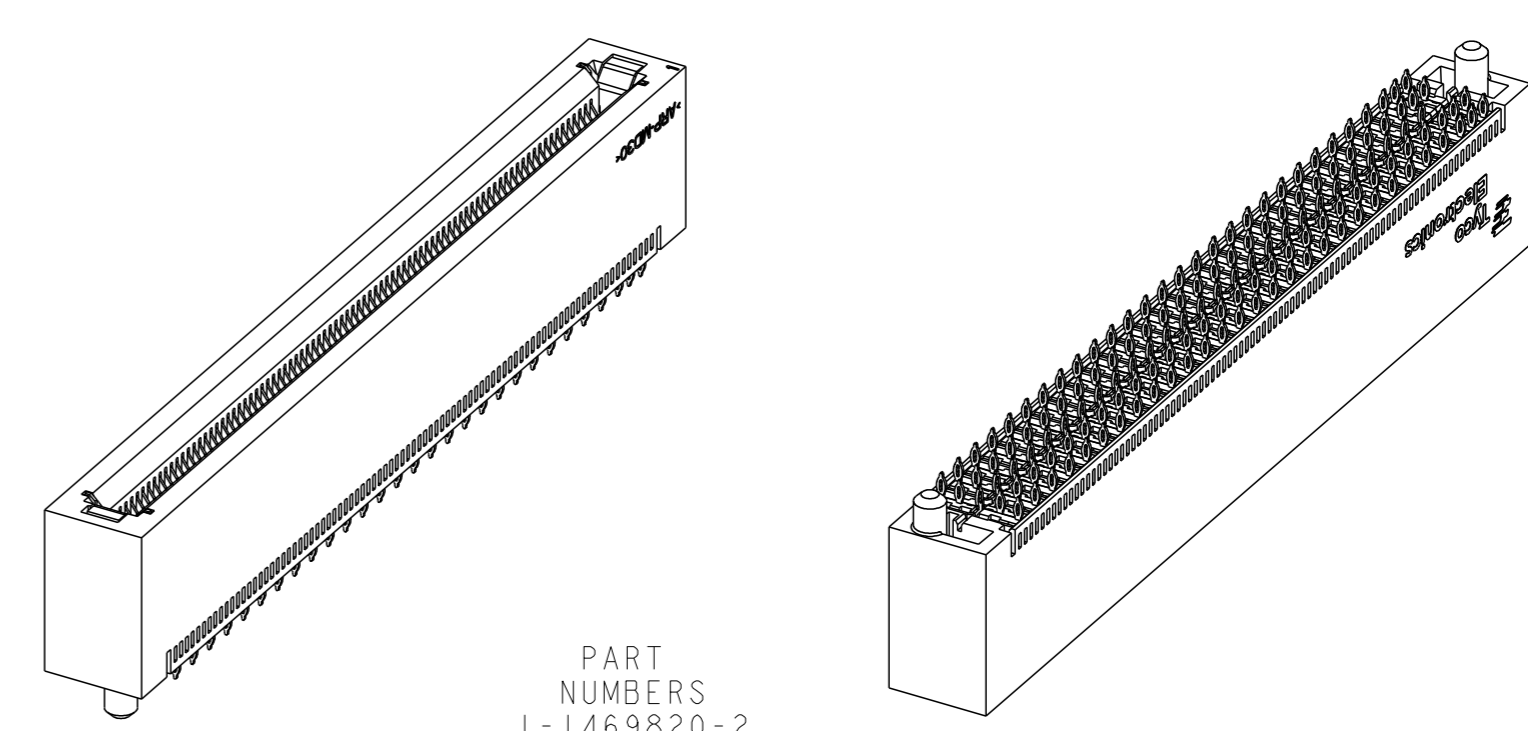
TE Connectivity
 CARD EDGE CONNECTOR, VERTICAL MICRO TCA

CUSTOMER DRAWING SCALE 3:1 SHEET 1 OF 2 REV B

| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| CC | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | - | | SEE SHEET 1 | | | |



PART NUMBERS
 1-1469820-1
 1-1469820-3
 2-1469820-1
 2-1469820-3
 WITHOUT POSTS



PART NUMBERS
 1-1469820-2
 1-1469820-4
 2-1469820-2
 2-1469820-4
 WITH POSTS

| | | | | |
|--|--|-------------------------------|---|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN D. SZCZESNY | 31MAR06 | |
| DIMENSIONS: mm | | CHK - | APVD - | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.1 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ± FINISH | | PRODUCT SPEC 108-2254 | NAME CARD EDGE CONNECTOR, VERTICAL MICRO TCA | |
| MATERIAL - | | APPLICATION SPEC 114-13180 | SIZE A200779 | CAGE CODE C=1469820 |
| | | WEIGHT - | DRAWING NO - | RESTRICTED TO - |
| | | CUSTOMER DRAWING | | SCALE 1:1 SHEET 2 OF 2 REV B |