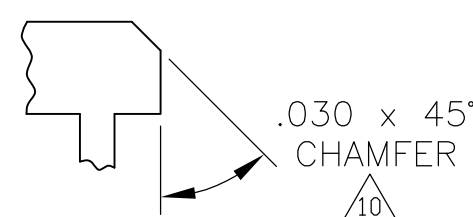
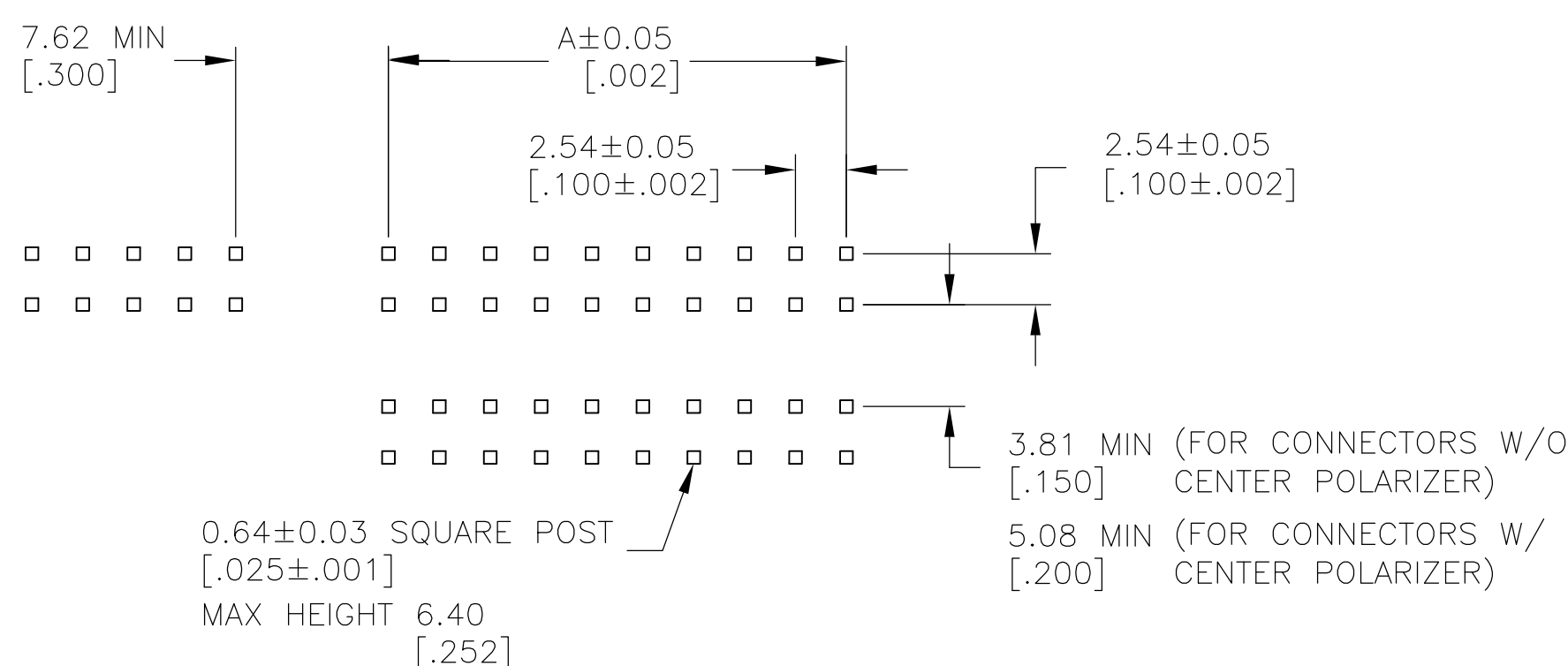


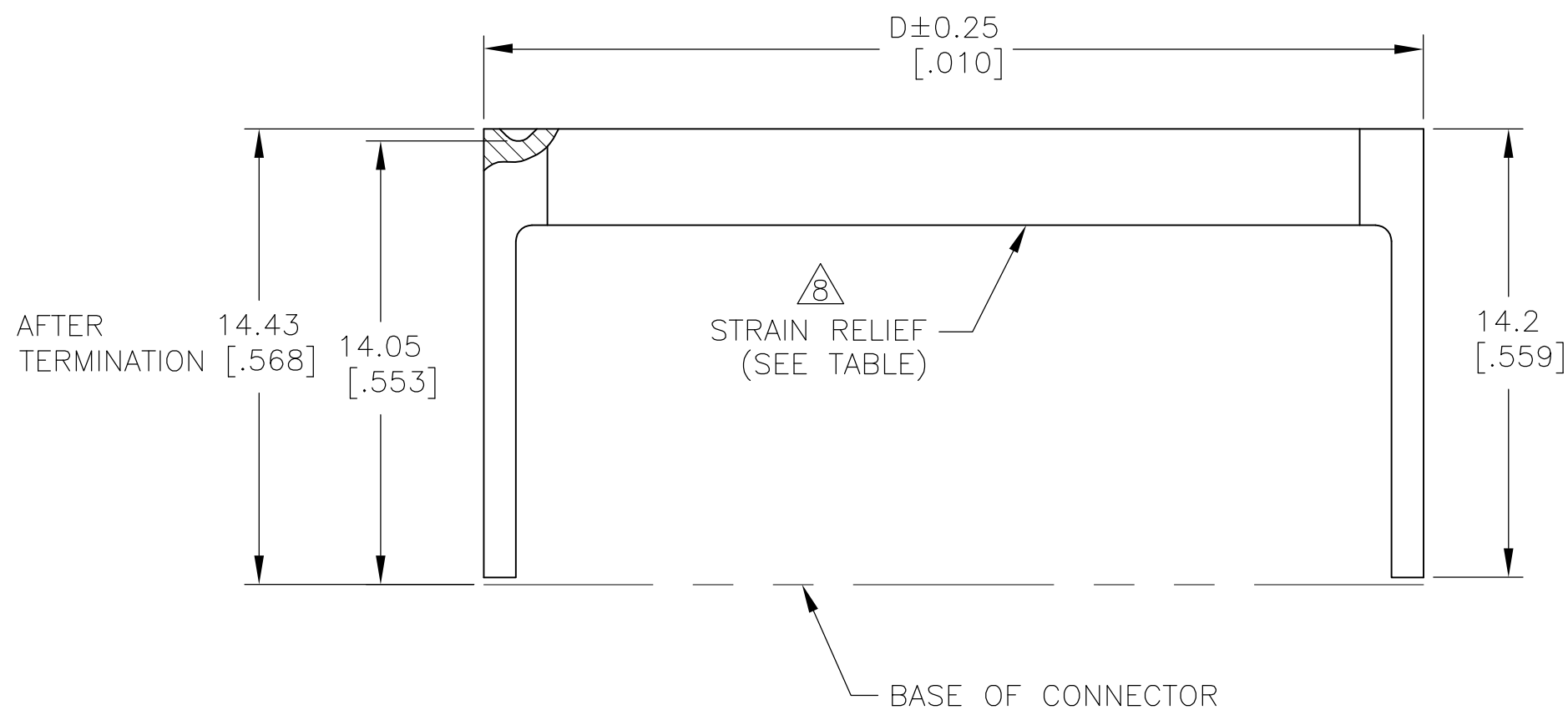
POLARIZING KEY  
TE CONNECTIVITY PART NUMBER: 1-1437023-2  
T&B PART NUMBER (REF): 609-0000  
PURCHASE SEPARATELY



DETAIL X  
SCALE 5:1



POST LAYOUT



| ELECTRICAL PROPERTIES    |                                     |
|--------------------------|-------------------------------------|
| CURRENT RATING           | 1 AMP                               |
| INSULATION RESISTANCE    | >1 x 10 <sup>9</sup> OHMS @ 500 VDC |
| DWV                      | >500 VRMS AT SEA LEVEL              |
| ENVIRONMENTAL PROPERTIES |                                     |
| TEMPERATURE RATING       | -55°C TO 125°C                      |

|          |                  |                     |                   |              |              |              |              |                           |                                   |             |
|----------|------------------|---------------------|-------------------|--------------|--------------|--------------|--------------|---------------------------|-----------------------------------|-------------|
| OBSOLETE | YES              | YES                 | 3                 | 85.65[3.372] | 85.75[3.376] | 80.01[3.150] | 78.74[3.100] | 64                        | 609-6441LF                        | 4-1658526-5 |
| OBSOLETE | NO               | YES                 | 3                 | -            | 85.75[3.376] | 80.01[3.150] | 78.74[3.100] | 64                        | 609-6430LF                        | 4-1658526-4 |
|          | YES              | YES                 | 3                 | 67.87[2.672] | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50                        | 609-5041LF                        | 2-1658526-4 |
|          | NO               | YES                 | 3                 | -            | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50                        | 609-5030LF                        | 2-1658526-3 |
|          | YES              | NO                  | 3                 | 67.87[2.672] | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50                        | 609-5001MLF                       | 2-1658526-2 |
|          | NO               | NO                  | 3                 | -            | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50                        | 609-5000MLF                       | 4-1658526-3 |
|          | YES              | YES                 | 3                 | 55.17[2.172] | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40                        | 609-4041LF                        | 2-1658526-1 |
|          | NO               | YES                 | 3                 | -            | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40                        | 609-4030LF                        | 2-1658526-0 |
| OBSOLETE | YES              | NO                  | 3                 | 55.17[2.172] | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40                        | 609-4001MLF                       | 4-1658526-2 |
|          | NO               | NO                  | 3                 | -            | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40                        | 609-4000MLF                       | 4-1658526-1 |
| 10       | YES              | YES                 | 3                 | 50.09[1.972] | 50.19[1.976] | 44.45[1.750] | 43.18[1.700] | 36                        | 609-3641LF                        | 4-1658526-0 |
| 10       | NO               | YES                 | 3                 | -            | 50.19[1.976] | 44.45[1.750] | 43.18[1.700] | 36                        | 609-3630LF                        | 3-1658526-8 |
|          | YES              | YES                 | 3                 | 47.55[1.872] | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34                        | 609-3441LF                        | 1-1658526-9 |
|          | NO               | YES                 | 3                 | -            | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34                        | 609-3430LF                        | 1-1658526-8 |
| OBSOLETE | YES              | NO                  | 3                 | 47.55[1.872] | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34                        | 609-3401MLF                       | 3-1658526-7 |
| OBSOLETE | NO               | NO                  | 3                 | -            | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34                        | 609-3400MLF                       | 1-1658526-7 |
|          | YES              | YES                 | 3                 | 37.39[1.472] | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26                        | 609-2641LF                        | 1-1658526-6 |
|          | NO               | YES                 | 3                 | -            | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26                        | 609-2630LF                        | 1-1658526-5 |
| OBSOLETE | YES              | NO                  | 3                 | 37.39[1.472] | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26                        | 609-2601MLF                       | 3-1658526-6 |
|          | NO               | NO                  | 3                 | -            | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26                        | 609-2600MLF                       | 3-1658526-5 |
| OBSOLETE | YES              | YES                 | 3                 | 34.85[1.372] | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24                        | 609-2441LF                        | 3-1658526-4 |
| OBSOLETE | NO               | YES                 | 3                 | -            | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24                        | 609-2430LF                        | 1-1658526-4 |
| OBSOLETE | NO               | NO                  | 3                 | -            | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24                        | 609-2400MLF                       | 3-1658526-3 |
|          | YES              | YES                 | 3                 | 29.77[1.172] | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20                        | 609-2041LF                        | 1-1658526-3 |
|          | NO               | YES                 | 3                 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20                        | 609-2030LF                        | 1-1658526-2 |
| OBSOLETE | YES              | NO                  | 3                 | 29.77[1.172] | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20                        | 609-2001MLF                       | 3-1658526-2 |
|          | NO               | NO                  | 3                 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20                        | 609-2000MLF                       | 3-1658526-0 |
|          | NO               | NO                  | 4                 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20                        | 609-2000MP005LF                   | 3-1658526-1 |
|          | YES              | YES                 | 3                 | 24.69[.972]  | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16                        | 609-1641LF                        | 1-1658526-1 |
|          | NO               | YES                 | 3                 | -            | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16                        | 609-1630LF                        | 2-1658526-9 |
|          | YES              | NO                  | 3                 | 24.69[.972]  | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16                        | 609-1601MLF                       | 1-1658526-0 |
| OBSOLETE | NO               | NO                  | 3                 | -            | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16                        | 609-1600MLF                       | 2-1658526-8 |
|          | YES              | YES                 | 3                 | 22.15[.872]  | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14                        | 609-1441LF                        | 1658526-9   |
|          | NO               | YES                 | 3                 | -            | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14                        | 609-1430LF                        | 1658526-8   |
| OBSOLETE | YES              | NO                  | 3                 | 22.15[.872]  | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14                        | 609-1401MLF                       | 1658526-7   |
| OBSOLETE | NO               | NO                  | 3                 | -            | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14                        | 609-1400MLF                       | 1658526-6   |
|          | YES              | YES                 | 3                 | 17.07[.672]  | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10                        | 609-1041LF                        | 1658526-5   |
|          | NO               | YES                 | 3                 | -            | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10                        | 609-1030LF                        | 1658526-4   |
| OBSOLETE | YES              | NO                  | 3                 | 17.07[.672]  | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10                        | 609-1001MLF                       | 2-1658526-7 |
|          | NO               | NO                  | 3                 | -            | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10                        | 609-1000MLF                       | 1658526-3   |
| 10       | YES              | YES                 | 3                 | 11.99[.472]  | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6                         | 609-0641LF                        | 1658526-2   |
| 10       | NO               | YES                 | 3                 | -            | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6                         | 609-0630LF                        | 1658526-1   |
| OBSOLETE | YES              | NO                  | 3                 | 11.99[.472]  | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6                         | 609-0601MLF                       | 2-1658526-6 |
| 10       | NO               | NO                  | 3                 | -            | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6                         | 609-0600MLF                       | 2-1658526-5 |
|          | STRAIN<br>RELIEF | CENTER<br>POLARIZER | CONTACT<br>FINISH | D            | C            | B            | A            | NUMBER<br>OF<br>POSITIONS | T&B<br>PART NUMBER<br>(REFERENCE) | PART NUMBER |

|                                                                                                                                                                               |  |  |  |                                           |  |         |  |                                                                                                       |  |            |  |               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------------------|--|---------|--|-------------------------------------------------------------------------------------------------------|--|------------|--|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009                                                                                   |  |  |  | OWN<br>J. GERACE                          |  | 30SEP03 |  |  TE Connectivity |  |            |  |               |  |
| DIMENSIONS:<br>mm[INCHES]                                                                                                                                                     |  |  |  | CHK<br>C. ROHDE                           |  | 30SEP03 |  |                                                                                                       |  |            |  |               |  |
|                                                                                                                                                                               |  |  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |  |         |  | APP'D<br>M. WALMSLEY                                                                                  |  | NAME       |  |               |  |
|  0 PLG ± —<br>1 PLG ± —<br>2 PLG ± —<br>3 PLG ± 0.13[.005]<br>4 PLG ± —<br>5 ANGLES ± 4° |  |  |  | PRODUCT SPEC                              |  | —       |  | CONNECTOR ASSEMBLY,<br>FEMALE SOCKET TRANSITION                                                       |  |            |  |               |  |
|                                                                                                                                                                               |  |  |  | APPLICATION SPEC                          |  | —       |  |                                                                                                       |  |            |  |               |  |
| MATERIAL                                                                                                                                                                      |  |  |  | WEIGHT                                    |  | SIZE    |  | CAGE CODE                                                                                             |  | DRAWING NO |  | RESTRICTED TO |  |
|  SEE TABLE                                                                               |  |  |  | —                                         |  | A1      |  | 00779                                                                                                 |  | C-1658526  |  | —             |  |
| CUSTOMER DRAWING                                                                                                                                                              |  |  |  | SCALE                                     |  | 10:1    |  | SHEET                                                                                                 |  | 1 of 1     |  | REV. G        |  |
|                                                                                                                                                                               |  |  |  |                                           |  |         |  |                                                                                                       |  |            |  |               |  |