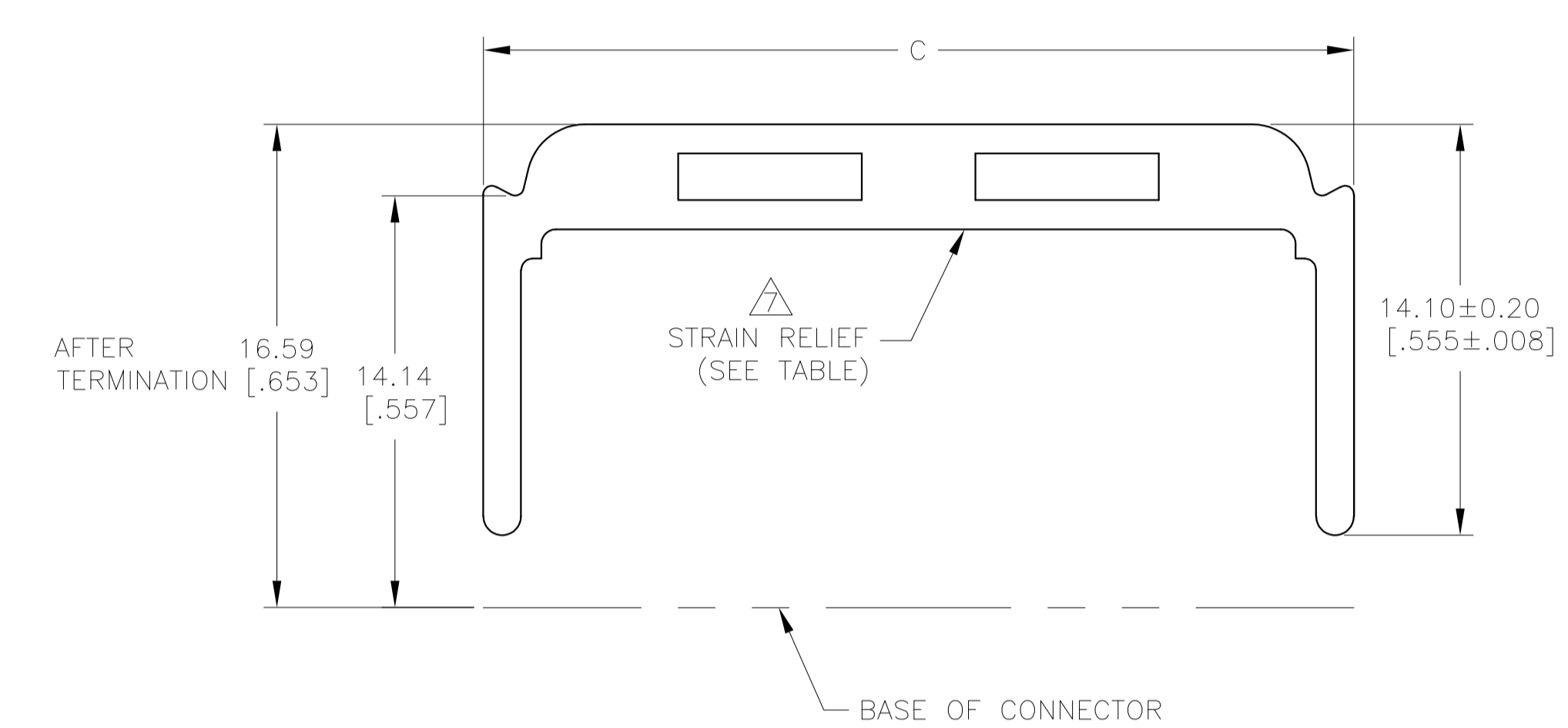


- 20 POSITION CONNECTOR ASSEMBLY SHOWN.
- MOLDED PARTS: THERMOPLASTIC, UL94V-0 RATED, COLOR BLUE. CONTACTS: BERYLLIUM COPPER.
- CONTACTS: 0.00076[.000030] MIN GOLD ON MATING AREA, 0.00254-0.00508[.000100-.000200] TIN OR GOLD FLASH ON TERMINATION END, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE CONTACT.
- POLARIZER FEATURE DOES NOT EXIST ON POSITION #1 END FOR 14 POSITION ASSEMBLIES AND SMALLER.
- POLARIZER FEATURE DOES NOT EXIST ON THIS END FOR 4 & 6 POSITION ASSEMBLIES.
- FOR TERMINATION OF 26 OR 28 AWG STRANDED OR SOLID PVC INSULATED FLAT RIBBON CABLE. SEE TYCO ELECTRONICS DRAWINGS 57034 (26 AWG) OR 57040 (28 AWG) FOR DETAILS.
- STRAIN RELIEF PACKAGED SEPARATELY AND SHIPPED WITH ASSEMBLY.



| | YES | YES | 3.80[.150] | 85.78[3.377] | 80.01[3.150] | 78.74[3.100] | 64 | 622-6441LF | 3-1658527-2 |
|----------|---------------|------------------|------------|--------------|--------------|--------------|---------------------|-----------------------------|-------------|
| | NO | YES | 3.80[.150] | 85.78[3.377] | 80.01[3.150] | 78.74[3.100] | 64 | 622-6430LF | 3-1658527-1 |
| OBSOLETE | YES | YES | 3.80[.150] | 80.70[3.177] | 74.93[2.950] | 73.66[2.900] | 60 | 622-6041LF | 3-1658527-0 |
| OBSOLETE | NO | YES | 3.80[.150] | 80.70[3.177] | 74.93[2.950] | 73.66[2.900] | 60 | 622-6030LF | 2-1658527-9 |
| OBSOLETE | NO | YES | 3.80[.150] | 75.62[2.977] | 69.85[2.750] | 68.58[2.700] | 56 | 622-5630LF | 1-1658527-8 |
| | YES | YES | 3.80[.150] | 68.00[2.677] | 62.23[2.450] | 60.95[2.400] | 50 | 622-5041LF | 1-1658527-5 |
| | NO | YES | 3.80[.150] | 68.00[2.677] | 62.23[2.450] | 60.95[2.400] | 50 | 622-5030LF | 1-1658527-4 |
| OBSOLETE | NO | NO | - | 60.38[2.377] | 54.61[2.150] | 53.34[2.100] | 44 | 622-4400LF | 1-1658527-7 |
| | YES | YES | 3.80[.150] | 55.30[2.177] | 49.53[1.950] | 48.26[1.900] | 40 | 622-4041LF | 1-1658527-3 |
| | NO | YES | 3.80[.150] | 55.30[2.177] | 49.53[1.950] | 48.26[1.900] | 40 | 622-4030LF | 1-1658527-2 |
| | YES | YES | 3.80[.150] | 47.68[1.877] | 41.91[1.650] | 40.64[1.600] | 34 | 622-3441LF | 2-1658527-8 |
| | NO | YES | 3.80[.150] | 47.68[1.877] | 41.91[1.650] | 40.64[1.600] | 34 | 622-3430LF | 1-1658527-1 |
| | YES | YES | 3.80[.150] | 42.60[1.677] | 36.83[1.450] | 35.56[1.400] | 30 | 622-3041LF | 2-1658527-7 |
| | NO | YES | 3.80[.150] | 42.60[1.677] | 36.83[1.450] | 35.56[1.400] | 30 | 622-3030LF | 2-1658527-6 |
| | YES | YES | 3.80[.150] | 37.52[1.477] | 31.75[1.250] | 30.48[1.200] | 26 | 622-2641LF | 1-1658527-0 |
| | NO | YES | 3.80[.150] | 37.52[1.477] | 31.75[1.250] | 30.48[1.200] | 26 | 622-2630LF | 1658527-9 |
| | YES | YES | 3.80[.150] | 34.98[1.377] | 29.21[1.150] | 27.94[1.100] | 24 | 622-2441LF | 2-1658527-5 |
| OBSOLETE | NO | YES | 3.80[.150] | 34.98[1.377] | 29.21[1.150] | 27.94[1.100] | 24 | 622-2430LF | 2-1658527-4 |
| | YES | YES | 3.80[.150] | 29.90[1.177] | 24.13[.950] | 22.86[.900] | 20 | 622-2041LF | 1658527-8 |
| | NO | YES | 3.80[.150] | 29.90[1.177] | 24.13[.950] | 22.86[.900] | 20 | 622-2030LF | 2-1658527-3 |
| | YES | YES | 3.80[.150] | 24.82[.977] | 19.05[.750] | 17.78[.700] | 16 | 622-1641LF | 1658527-7 |
| | NO | YES | 3.80[.150] | 24.82[.977] | 19.05[.750] | 17.78[.700] | 16 | 622-1630LF | 1658527-6 |
| | YES | YES | 3.80[.150] | 22.28[.877] | 16.51[.650] | 15.24[.600] | 14 | 622-1441LF | 2-1658527-2 |
| | NO | YES | 3.80[.150] | 22.28[.877] | 16.51[.650] | 15.24[.600] | 14 | 622-1430LF | 1658527-5 |
| OBSOLETE | YES | YES | 3.80[.150] | 19.74[.777] | 13.97[.550] | 12.70[.500] | 12 | 622-1241LF | 2-1658527-1 |
| | NO | YES | 3.80[.150] | 19.74[.777] | 13.97[.550] | 12.70[.500] | 12 | 622-1230LF | 2-1658527-0 |
| | YES | YES | 3.20[.126] | 17.20[.677] | 11.43[.450] | 10.16[.400] | 10 | 622-1041LF | 1658527-4 |
| | NO | YES | 3.20[.126] | 17.20[.677] | 11.43[.450] | 10.16[.400] | 10 | 622-1030LF | 1658527-3 |
| OBSOLETE | NO | NO | - | 14.66[.577] | 8.89[.350] | 7.62[.300] | 8 | 622-0800LF | 1-1658527-6 |
| | YES | YES | 1.90[.075] | 12.12[.477] | 6.35[.250] | 5.08[.200] | 6 | 622-0641LF | 1-1658527-9 |
| | NO | YES | 1.90[.075] | 12.12[.477] | 6.35[.250] | 5.08[.200] | 6 | 622-0630LF | 1658527-2 |
| OBSOLETE | NO | YES | 1.90[.075] | 9.58[.377] | 3.81[.150] | 2.54[.100] | 4 | 622-0430LF | 1658527-1 |
| | STRAIN RELIEF | CENTER POLARIZER | D | C | B | A | NUMBER OF POSITIONS | T&B PART NUMBER (REFERENCE) | PART NUMBER |

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0. PLC ± -
 1. PLC ± -
 2. PLC ± -
 3. PLC ± 0.1x(.005)
 4. PLC ± -
 ANGLES ± -

MATERIAL: FINISH:

CUSTOMER DRAWING: A1 00779 1658527
 SCALE: 10:1 SHEET 1 OF 1 REV D1

THIS DRAWING IS A CONTROLLED DOCUMENT. J. GERACE 17SEP04 C. ROHDE 17SEP04 M. WALMSLEY 17SEP04
 NAME: CONNECTOR ASSEMBLY, FEMALE SOCKET TRANSITION, 622 SERIES
 APPLICATION SPEC: SIZE: A1 CASE CODE: 00779 DRAWING NO: 1658527 RESTRICTED TO: WEIGHT:

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