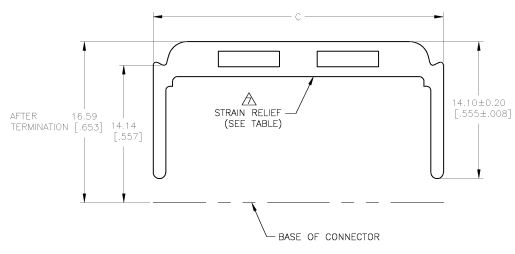
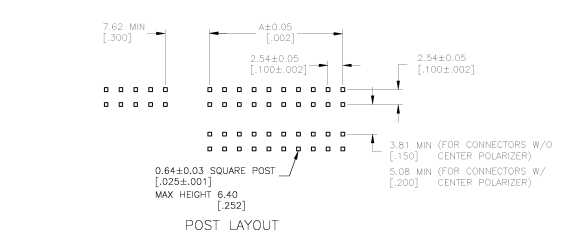
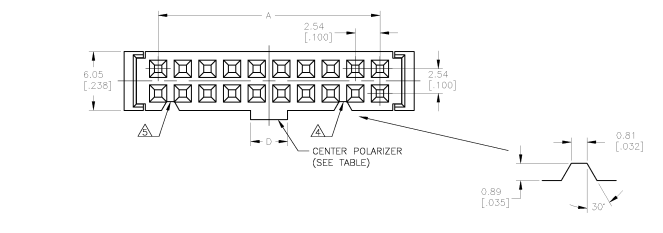
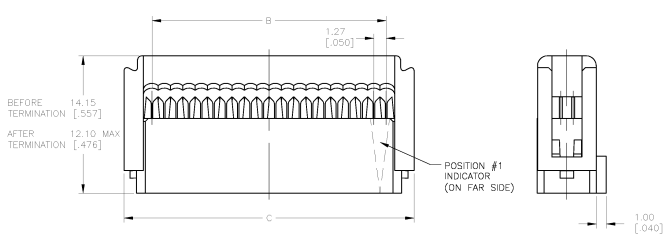


| REV | DATE | DESCRIPTION | BY | CHK | APP |
|-----|------|------------------------------|---------|-----|-----|
| 00 | | | | | |
| A | | RELEASED PER EC 0513-0220-04 | 1785P04 | JG | CR |

- 20 POSITION CONNECTOR ASSEMBLY SHOWN.
- MOLDED PARTS: THERMOPLASTIC, UL94V-0 RATED, COLOR BLUE.
CONTACTS: BERYLLIUM COPPER.
- CONTACTS: 0.00076(0.00030) MIN GOLD ON MATING AREA, 0.00254-0.00508(0.00100-0.00200) TIN ON TERMINATION END, ALL OVER 0.00127(0.00050) 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 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 |
| YES | YES | 3.80 [150] | 80.70 [3.177] | 74.93 [2.950] | 73.66 [2.900] | 60 | 622-6041LF | 3-1658527-0 |
| NO | YES | 3.80 [150] | 80.70 [3.177] | 74.93 [2.950] | 73.66 [2.900] | 60 | 622-6030LF | 2-1658527-9 |
| NO | YES | 3.80 [150] | 75.62 [2.972] | 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 |
| 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 | 2-1658527-3 |
| 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 | 1-1658527-9 |
| YES | YES | 3.80 [150] | 34.98 [1.377] | 29.21 [1.150] | 27.94 [1.100] | 24 | 622-2441LF | 2-1658527-5 |
| 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 [0.950] | 22.86 [0.900] | 20 | 622-2041LF | 1-1658527-8 |
| NO | YES | 3.80 [150] | 29.90 [1.177] | 24.13 [0.950] | 22.86 [0.900] | 20 | 622-2030LF | 2-1658527-3 |
| YES | YES | 3.80 [150] | 24.82 [0.977] | 19.05 [0.750] | 17.78 [0.700] | 16 | 622-1641LF | 1-1658527-7 |
| NO | YES | 3.80 [150] | 24.82 [0.977] | 19.05 [0.750] | 17.78 [0.700] | 16 | 622-1630LF | 1-1658527-6 |
| YES | YES | 3.80 [150] | 22.28 [0.877] | 16.51 [0.650] | 15.24 [0.600] | 14 | 622-1441LF | 2-1658527-2 |
| NO | YES | 3.80 [150] | 22.28 [0.877] | 16.51 [0.650] | 15.24 [0.600] | 14 | 622-1430LF | 1-1658527-5 |
| YES | YES | 3.80 [150] | 19.74 [0.777] | 13.97 [0.550] | 12.70 [0.500] | 12 | 622-1241LF | 2-1658527-1 |
| NO | YES | 3.80 [150] | 19.74 [0.777] | 13.97 [0.550] | 12.70 [0.500] | 12 | 622-1230LF | 2-1658527-0 |
| YES | YES | 3.20 [126] | 17.20 [0.677] | 11.43 [0.450] | 10.16 [0.400] | 10 | 622-1041LF | 1-1658527-4 |
| NO | YES | 3.20 [126] | 17.20 [0.677] | 11.43 [0.450] | 10.16 [0.400] | 10 | 622-1030LF | 1-1658527-3 |
| NO | NO | | 14.66 [0.577] | 8.89 [0.350] | 7.62 [0.300] | 8 | 622-0800LF | 1-1658527-6 |
| YES | YES | 1.90 [075] | 12.12 [0.477] | 6.35 [0.250] | 5.08 [0.200] | 6 | 622-0641LF | 1-1658527-9 |
| NO | YES | 1.90 [075] | 12.12 [0.477] | 6.35 [0.250] | 5.08 [0.200] | 6 | 622-0630LF | 1-1658527-2 |
| NO | YES | 1.90 [075] | 9.58 [0.377] | 3.81 [0.150] | 2.54 [0.100] | 4 | 622-0430LF | 1-1658527-1 |

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

**COPYRIGHT 2004
 TYCO ELECTRONICS CORP
 ALL RIGHTS RESERVED**

THIS DRAWING IS A CONTROLLED DOCUMENT.

REVISIONS: 1785P04

DATE: 1785P04

BY: JG

CHK: CR

APP: CR

DESCRIPTION: CONNECTOR ASSEMBLY, FEMALE SOCKET TRANSITION, 622 SERIES

SEE: 000779 (C) 1658527

CUSTOMER DRAWING