



- 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] BRIGHT TIN LEAD ON TERMINATION END, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE CONTACT.
- CONTACTS: 0.00127[.000050] MIN GOLD ON MATING AREA, 0.00254-0.00508[.000100-.000200] BRIGHT TIN LEAD 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 AND SMALLER ASSEMBLIES.
- POLARIZER FEATURE DOES NOT EXIST ON THIS END FOR 6 POSITION ASSEMBLY.
- FOR TERMINATION OF 28 OR 30 AWG STRANDED PVC INSULATED FLAT RIBBON CABLE.
- STRAIN RELIEF PACKAGED SEPARATELY AND SHIPPED WITH ASSEMBLY.
- DATE CODE STAMPED ON THIS SIDE OF CONNECTOR. 6 POSITION CONNECTORS EXCLUDED.
- ALTERNATE COVER END APPLIES TO INDICATED NUMBERS.
- OBsolete PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|  | OBsolete                  | YES | YES | 3 | 85.65[3.372] | 85.75[3.376] | 80.01[3.150] | 78.74[3.100] | 64 | 609-6441      | 1-1437022-5 |
|--|---------------------------|-----|-----|---|--------------|--------------|--------------|--------------|----|---------------|-------------|
|  | OBsolete                  | NO  | YES | 3 | -            | 85.75[3.376] | 80.01[3.150] | 78.74[3.100] | 64 | 609-6430      | 1-1437022-2 |
|  | SUPERSEDED BY 2-1658526-4 | YES | YES | 3 | 67.87[2.672] | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50 | 609-5041      | 8-1437021-3 |
|  | SUPERSEDED BY 2-1658526-3 | NO  | YES | 3 | -            | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50 | 609-5030      | 7-1437021-4 |
|  | SUPERSEDED BY 2-1658526-2 | YES | NO  | 3 | 67.87[2.672] | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50 | 609-5001M     | 7-1437021-1 |
|  | SUPERSEDED BY 4-1658526-3 | NO  | NO  | 3 | -            | 67.97[2.676] | 62.23[2.450] | 60.96[2.400] | 50 | 609-5000M     | 6-1437021-8 |
|  | SUPERSEDED BY 2-1658526-1 | YES | YES | 3 | 55.17[2.172] | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40 | 609-4041      | 5-1437021-7 |
|  | SUPERSEDED BY 2-1658526-0 | NO  | YES | 3 | -            | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40 | 609-4030      | 5-1437021-0 |
|  | OBsolete                  | YES | NO  | 3 | 55.17[2.172] | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40 | 609-4001M     | 4-1437021-7 |
|  | SUPERSEDED BY 4-1658526-1 | NO  | NO  | 3 | -            | 55.27[2.176] | 49.53[1.950] | 48.26[1.900] | 40 | 609-4000M     | 4-1437021-4 |
|  | SUPERSEDED BY 4-1658526-0 | YES | YES | 3 | 50.09[1.972] | 50.19[1.976] | 44.45[1.750] | 43.18[1.700] | 36 | 609-3641      | 4-1437021-2 |
|  | SUPERSEDED BY 3-1658526-8 | NO  | YES | 3 | -            | 50.19[1.976] | 44.45[1.750] | 43.18[1.700] | 36 | 609-3630      | 4-1437021-0 |
|  |                           | YES | YES | 3 | 47.55[1.872] | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34 | 609-3441      | 3-1437021-4 |
|  |                           | NO  | YES | 3 | -            | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34 | 609-3430      | 2-1437021-6 |
|  | SUPERSEDED BY 1658623-8   | YES | NO  | 3 | 47.55[1.872] | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34 | 609-3401M     | 2-1437021-2 |
|  | OBsolete                  | NO  | NO  | 3 | -            | 47.65[1.876] | 41.91[1.650] | 40.64[1.600] | 34 | 609-3400M     | 1-1437021-9 |
|  |                           | YES | YES | 3 | 37.39[1.472] | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26 | 609-2641      | 1-1437021-4 |
|  |                           | NO  | YES | 3 | -            | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26 | 609-2630      | 1437021-5   |
|  | SUPERSEDED BY 3-1658526-5 | YES | NO  | 3 | 37.39[1.472] | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26 | 609-2601M     | 1437021-2   |
|  | SUPERSEDED BY 3-1658526-5 | NO  | NO  | 3 | -            | 37.49[1.476] | 31.75[1.250] | 30.48[1.200] | 26 | 609-2600M     | 9-1437020-8 |
|  | OBsolete                  | YES | YES | 3 | 34.85[1.372] | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24 | 609-2441      | 9-1437020-6 |
|  | SUPERSEDED BY 1-1658526-4 | NO  | YES | 3 | -            | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24 | 609-2430      | 9-1437020-3 |
|  | OBsolete                  | NO  | NO  | 3 | -            | 34.95[1.376] | 29.21[1.150] | 27.94[1.100] | 24 | 609-2400M     | 9-1437020-1 |
|  |                           | YES | YES | 3 | 29.77[1.172] | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20 | 609-2041      | 8-1437020-8 |
|  |                           | NO  | YES | 3 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20 | 609-2030      | 7-1437020-9 |
|  | SUPERSEDED BY 3-1658526-0 | YES | NO  | 3 | 29.77[1.172] | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20 | 609-2001M     | 7-1437020-6 |
|  | SUPERSEDED BY 3-1658526-0 | NO  | NO  | 3 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20 | 609-2000M     | 7-1437020-2 |
|  | SUPERSEDED BY 6-1437020-8 | NO  | NO  | 4 | -            | 29.87[1.176] | 24.13[.950]  | 22.86[.900]  | 20 | 609-2000MP005 | 7-1437020-3 |
|  |                           | YES | YES | 3 | 24.69[.972]  | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16 | 609-1641      | 6-1437020-8 |
|  |                           | NO  | YES | 3 | -            | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16 | 609-1630      | 6-1437020-1 |
|  | SUPERSEDED BY 1-1658526-0 | YES | NO  | 3 | 24.69[.972]  | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16 | 609-1601M     | 5-1437020-9 |
|  | OBsolete                  | NO  | NO  | 3 | -            | 24.79[.976]  | 19.05[.750]  | 17.78[.700]  | 16 | 609-1600M     | 5-1437020-6 |
|  | SUPERSEDED BY 1658526-9   | YES | YES | 3 | 22.15[.872]  | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14 | 609-1441      | 5-1437020-2 |
|  |                           | NO  | YES | 3 | -            | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14 | 609-1430      | 4-1437020-6 |
|  | OBsolete                  | YES | NO  | 3 | 22.15[.872]  | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14 | 609-1401M     | 4-1437020-4 |
|  | OBsolete                  | NO  | NO  | 3 | -            | 22.25[.876]  | 16.51[.650]  | 15.24[.600]  | 14 | 609-1400M     | 4-1437020-2 |
|  |                           | YES | YES | 3 | 17.07[.672]  | 17.07[.672]  | 11.43[.450]  | 10.16[.400]  | 10 | 609-1041      | 3-1437020-9 |
|  |                           | NO  | YES | 3 | -            | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10 | 609-1030      | 3-1437020-0 |
|  | OBsolete                  | YES | NO  | 3 | 17.07[.672]  | 17.07[.672]  | 11.43[.450]  | 10.16[.400]  | 10 | 609-1001M     | 2-1437020-7 |
|  | SUPERSEDED BY 1658526-3   | NO  | NO  | 3 | -            | 17.17[.676]  | 11.43[.450]  | 10.16[.400]  | 10 | 609-1000M     | 2-1437020-4 |
|  | SUPERSEDED BY 1658526-2   | YES | YES | 3 | 11.99[.472]  | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6  | 609-0641      | 2-1437020-2 |
|  | OBsolete                  | NO  | YES | 3 | -            | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6  | 609-0630      | 2-1437020-0 |
|  | OBsolete                  | YES | NO  | 3 | 11.99[.472]  | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6  | 609-0601M     | 1-1437020-9 |
|  | SUPERSEDED BY 2-1658526-5 | NO  | NO  | 3 | -            | 12.09[.476]  | 6.35[.250]   | 5.08[.200]   | 6  | 609-0600M     | 1-1437020-8 |

| 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                      |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                    |  |                       |                      |                          |             |               |
|--------------------|--|-----------------------|----------------------|--------------------------|-------------|---------------|
| DIMENSIONS: INCHES | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN J. GERACE 19AUG04 | CIK C. ROHDE 19AUG04 | APVD M. WALMSLEY 19AUG04 | NAME        |               |
| 0 PLC ± -          | 1 PLC ± -                              | 2 PLC ± -             | 3 PLC ± 0.13[.005]   | 4 PLC ± -                | ANGLES ± -  |               |
| MATERIAL           | FINISH                                 | WEIGHT                | SIZE                 | CAGE CODE                | DRAWING NO  | RESTRICTED TO |
|                    | SEE TABLE                              |                       | A1                   | 00779                    | 9-1437021-4 |               |
| CUSTOMER DRAWING   |  |                       | SCALE                | 1:1                      | SHEET       | 1 OF 1        |

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