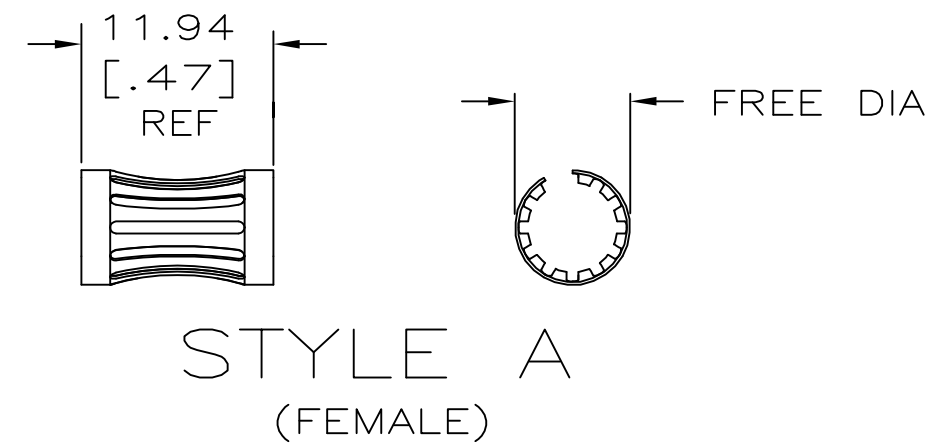
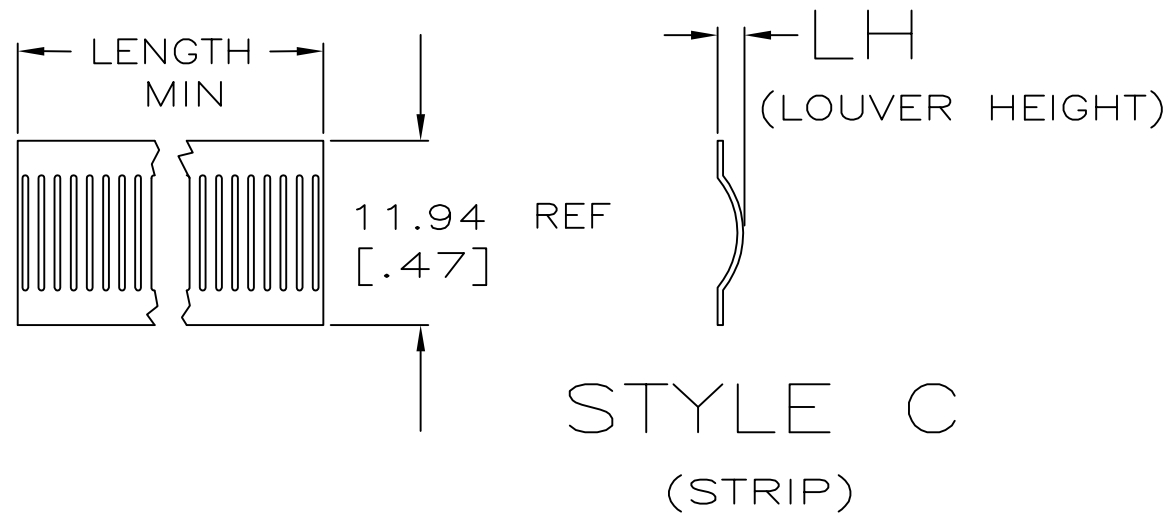


|                                         |                          |         |
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| REVISIONS |     |                           |           |     |      |  |
|-----------|-----|---------------------------|-----------|-----|------|--|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |  |
|           | J   | REVISED PER ECO-15-011609 | 05NOV2015 | NK  | MZ   |  |
|           | K   | REVISED PER ECO-17-013721 | 15NOV2017 | RS  | MZ   |  |

|               |          |        |         |              |                     |                     |             |            |       |            |            |          |
|---------------|----------|--------|---------|--------------|---------------------|---------------------|-------------|------------|-------|------------|------------|----------|
| A             | [.34]    | [.043] | --      | 12           | 6.35[.250]          | UNPL                | 18          | 0.15[.006] | 03142 | 5-192038-0 | OBSELETE   | 16       |
| A             | [.34]    | [.030] | --      | 12           | 6.35[.250]          | 3-2                 | 18          | 0.15[.006] | 03028 | 4-192038-9 |            |          |
| A             | [.34]    | [.030] | --      | 12           | 6.35[.250]          | 1-2                 | 18          | 0.15[.006] | 03086 | 4-192038-8 |            |          |
| A             | [.34]    | [.030] | --      | 12           | 6.35[.250]          | UNPL                | 18          | 0.15[.006] | 03074 | 4-192038-7 | OBSELETE   | 16       |
| A             | --       | --     | --      | 12           | 6.30[.248]          | UNPL                | 19          | 0.30[.012] | --    | 4-192038-6 | 15         |          |
| A             | --       | --     | --      | 12           | 6.30[.248]          | UNPL                | 19          | 0.28[.011] | --    | 4-192038-5 | 15         |          |
| A             | [.35]    | [.034] | --      | 12           | 6.30[.248]          | 3-2                 | 19          | 0.25[.010] | 03025 | 4-192038-4 |            | 16       |
| A             | [.35]    | [.034] | --      | 12           | 6.30[.248]          | 1-2                 | 19          | 0.25[.010] | 03147 | 4-192038-3 |            |          |
| A             | [.35]    | [.034] | --      | 12           | 6.30[.248]          | UNPL                | 19          | 0.25[.010] | 03111 | 4-192038-2 | OBSELETE   |          |
| A             | [.32]    | [.038] | --      | 12           | 6.00[.236]          | 4-2                 | 17          | 0.20[.008] | 03137 | 4-192038-1 | OBSELETE   |          |
| A             | [.32]    | [.038] | --      | 12           | 6.00[.236]          | 3-2                 | 17          | 0.20[.008] | 03023 | 4-192038-0 |            |          |
| A             | [.32]    | [.038] | --      | 12           | 6.00[.236]          | 1-2                 | 17          | 0.20[.008] | 03065 | 3-192038-9 |            | 16       |
| A             | [.32]    | [.034] | --      | 12           | 6.00[.236]          | UNPL                | 17          | 0.20[.008] | 03061 | 3-192038-8 | OBSELETE   |          |
| A             | [.33]    | [.034] | --      | 12           | 6.00[.236]          | 3-2                 | 17          | 0.15[.006] | 03022 | 3-192038-7 | OBSELETE   |          |
| A             | [.33]    | [.034] | --      | 12           | 6.00[.236]          | 1-2                 | 17          | 0.15[.006] | 03113 | 3-192038-6 |            | 16       |
| A             | [.33]    | [.034] | --      | 12           | 6.00[.236]          | UNPL                | 17          | 0.15[.006] | 03021 | 3-192038-5 | OBSELETE   |          |
| NOT AVAILABLE |          |        |         |              |                     |                     |             |            |       | 3-192038-4 | 15         |          |
| A             | [.35]    | [.020] | --      | 13           | 6.00[.236]          | --                  | 17          | 0.12[.005] | 03085 | 3-192038-3 |            | 16       |
|               |          |        |         |              |                     |                     | --          | --         | --    | --         | 3-192038-2 |          |
| A             | [.26]    | [.034] | --      | 12           | 5.00[.197]          | 3-2                 | 15          | 0.20[.008] | 03019 | 3-192038-1 |            |          |
| A             | [.26]    | [.034] | --      | 12           | 5.00[.197]          | 1-2                 | 15          | 0.20[.008] | 03131 | 3-192038-0 | OBSELETE   |          |
| A             | [.26]    | [.034] | --      | 12           | 5.00[.197]          | UNPL                | 15          | 0.20[.008] | 03130 | 2-192038-9 |            |          |
| A             | [.26]    | [.031] | --      | 12           | 5.00[.197]          | 3-2                 | 15          | 0.15[.006] | 03018 | 2-192038-8 | OBSELETE   |          |
| A             | [.26]    | [.031] | --      | 12           | 5.00[.197]          | 1-2                 | 15          | 0.15[.006] | 03064 | 2-192038-7 |            | 16       |
| A             | [.26]    | [.031] | --      | 12           | 5.00[.197]          | 5                   | 15          | 0.15[.006] | 03103 | 2-192038-6 | OBSELETE   |          |
| A             | [.26]    | [.031] | --      | 12           | 5.00[.197]          | UNPL                | 15          | 0.15[.006] | 03060 | 2-192038-5 | OBSELETE   |          |
| A             | [.23]    | [.034] | --      | 12           | 4.00[.157]          | 3-2                 | 14          | 0.20[.008] | 03013 | 2-192038-4 |            | 16       |
| A             | [.23]    | [.030] | --      | 12           | 4.00[.157]          | 3-2                 | 14          | 0.15[.006] | 03012 | 2-192038-3 |            |          |
| A             | [.21]    | [.030] | --      | 12           | 3.50[.138]          | 3-2                 | 13          | 0.15[.006] | 03011 | 2-192038-2 |            |          |
| A             | [.21]    | [.034] | --      | 12           | 3.17[.125]          | 3-2                 | 12          | 0.20[.008] | 03010 | 2-192038-1 | OBSELETE   |          |
| A             | [.21]    | [.034] | --      | 12           | 3.17[.125]          | 1-2                 | 12          | 0.10[.004] | 03132 | 2-192038-0 |            |          |
| A             | [.21]    | [.034] | --      | 12           | 3.17[.125]          | 5                   | 12          | 0.10[.004] | 03133 | 1-192038-9 | 15         |          |
| A             | [.21]    | [.034] | --      | 12           | 3.17[.125]          | UNPL                | 12          | 0.10[.004] | 03134 | 1-192038-8 |            | 16       |
| A             | [.20]    | [.030] | --      | 12           | 3.00[.118]          | 3-2                 | 11          | 0.15[.006] | 03009 | 1-192038-7 |            |          |
| A             | [.19]    | [.030] | --      | 12           | 3.00[.118]          | 3-2                 | 10          | 0.15[.006] | 03008 | 1-192038-6 |            |          |
| A             | [.18]    | [.030] | --      | 12           | 2.67[.105]          | 3-2                 | 9           | 0.15[.006] | 03007 | 1-192038-5 |            |          |
| A             | [.18]    | [.030] | --      | 12           | 2.31[.091]          | 3-2                 | 8           | 0.15[.006] | 03006 | 1-192038-4 |            | 16       |
| A             | [.15]    | [.030] | --      | 12           | 2.03[.080]          | 3-2                 | 7           | 0.15[.006] | 03005 | 1-192038-3 |            |          |
| A             | [.15]    | [.030] | --      | 12           | 1.70[.067]          | 3-2                 | 6           | 0.15[.006] | 03004 | 1-192038-2 |            |          |
| C             | --       | [.038] | NOTE 14 | 12           | --                  | 3-2                 | --          | 0.20[.008] | 03000 | 1-192038-1 |            | OBSELETE |
| C             | --       | [.038] | NOTE 14 | 12           | --                  | 1-2                 | --          | 0.20[.008] | 03095 | 1-192038-0 |            |          |
| C             | --       | [.038] | NOTE 14 | 12           | --                  | UNPL                | --          | 0.20[.008] | 03077 | 192038-9   |            |          |
| C             | --       | [.034] | NOTE 14 | 12           | --                  | 4-2                 | --          | 0.15[.006] | 03123 | 192038-8   |            |          |
| C             | --       | [.034] | NOTE 14 | 12           | --                  | 3-2                 | --          | 0.15[.006] | 03053 | 192038-7   | OBSELETE   |          |
| C             | --       | [.034] | NOTE 14 | 12           | --                  | 1-2                 | --          | 0.15[.006] | 03104 | 192038-6   |            | 16       |
| C             | --       | [.034] | NOTE 14 | 12           | --                  | UNPL                | --          | 0.15[.006] | 03001 | 192038-5   |            |          |
| NOT AVAILABLE |          |        |         |              |                     |                     |             | --         | --    | --         | 192038-4   |          |
| NOT AVAILABLE |          |        |         |              |                     |                     |             | --         | --    | --         | 192038-3   |          |
| NOT AVAILABLE |          |        |         |              |                     |                     |             | --         | --    | --         | 192038-2   | OBSELETE |
| NOT AVAILABLE |          |        |         |              |                     |                     |             | --         | --    | --         | 192038-1   |          |
| STYLE         | FREE DIA | LH     | LENGTH  | MAT'L (NOTE) | MATING PIN<br>Ø REF | PLATING<br>NOTE NO. | NUM<br>LOUV | MAT'L THK  | REF   | PART NO.   |            |          |



- 1 FINISH—SILVER PLATE 200 $\mu$ IN MIN THICK.  
2 FINISH—NICKEL PLATE 40 $\mu$ IN MIN THICK.  
3 FINISH—GOLD PLATE 10 $\mu$ IN MIN THICK.  
4 FINISH—GOLD PLATE 50 $\mu$ IN MIN THICK.  
5 FINISH—NICKEL PLATE 80 $\mu$ IN MIN THICK.  
6 FINISH—TIN PLATE 300 $\mu$ IN MIN THICK.  
7 NOT USED.  
8 NOT USED.  
9 NOT USED.  
10 NOT USED.  
11 PLATING NOTE ARE TO BE INTERPRETED AS FOLLOWS,  
6—8 AS 6 OVER 8.  
12 MATERIAL—CDA172, BeCu.  
13 MATERIAL—STAINLESS STEEL.  
14 PRODUCT IS SOLD BY THE FOOT.  
15  OBSOLETE PART NUMBER.  
16  OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

|                                                                                                 |  |                                                                                  |  |                                                                                                       |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                          |  | DWN<br>RA JAYNE<br>08-13-91                                                      |  |  TE Connectivity |  |
|                                                                                                 |  | CHK<br>RA JAYNE<br>08-13-91                                                      |  |                                                                                                       |  |
| DIMENSIONS:<br>MM [INCHES]                                                                      |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                        |  | NAME<br><br>CONTACT BAND,FEMALE                                                                       |  |
|            |  | APVD<br>RA JAYNE<br>08-13-91<br>PRODUCT SPEC<br>—<br>APPLICATION SPEC<br>—       |  |                                                                                                       |  |
| 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± 0.5 [.02]<br>3 PLC ± 0.25 [.010]<br>4 PLC ± —<br>ANGLES — ± — |  | SIZE<br>A2<br>CAGE CODE<br>00779<br>DRAWING NO<br>C-192038<br>RESTRICTED TO<br>— |  |                                                                                                       |  |
| MATERIAL<br><br>SEE TABLE                                                                       |  | FINISH<br><br>SEE TABLE                                                          |  |                                                                                                       |  |
|                                                                                                 |  | WEIGHT<br>—                                                                      |  | CUSTOMER DRAWING                                                                                      |  |
|                                                                                                 |  |                                                                                  |  | SCALE<br>NTS                                                                                          |  |
|                                                                                                 |  |                                                                                  |  | SHEET<br>1 of 2                                                                                       |  |
|                                                                                                 |  |                                                                                  |  | REV<br>K                                                                                              |  |

|                              |       |          |        |                          |              |                  |                 |          |    |           |        |             |            |             |      |
|------------------------------|-------|----------|--------|--------------------------|--------------|------------------|-----------------|----------|----|-----------|--------|-------------|------------|-------------|------|
| 4                            |       |          |        | 3                        |              |                  |                 | 2        |    |           |        | 1           |            |             |      |
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|                              |       |          |        |                          |              |                  |                 |          |    |           |        |             |            | SEE SHEET 1 | DWN  |
|                              |       |          |        |                          |              |                  |                 |          |    |           |        |             |            |             | APVD |
|                              |       |          |        |                          |              |                  |                 |          |    |           |        |             |            |             |      |
| D                            | A     | [1.00]   | [.034] | --                       | 12           | 17.98            | [.708]          | 1-2      | 53 | 0.20      | [.008] | 03114       | 9-192038-9 | OBSOLETE    |      |
|                              | A     | [.90]    | [.038] | --                       | 12           | 16.00            | [.630]          | 1-2      | 46 | 0.20      | [.008] | 03107       | 9-192038-8 |             |      |
|                              | A     | [.90]    | [.038] | --                       | 12           | 16.00            | [.630]          | UNPL     | 46 | 0.20      | [.008] | 03146       | 9-192038-7 |             |      |
|                              | A     | [.80]    | [.034] | --                       | 12           | 14.00            | [.551]          | 3-2      | 42 | 0.20      | [.008] | --          | 9-192038-6 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 12.70            | [.500]          | 1-2      | 38 | 0.20      | [.008] | 03097       | 9-192038-5 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 12.70            | [.500]          | 6        | 38 | 0.20      | [.008] | 03090       | 9-192038-4 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 12.70            | [.500]          | UNPL     | 38 | 0.20      | [.008] | 03099       | 9-192038-3 |             |      |
|                              | A     | --       | --     | --                       | 12           | 12.70            | [.500]          | 3-2      | 37 | 0.20      | [.008] | 03047       | 9-192038-2 |             |      |
|                              | A     | --       | --     | --                       | 12           | 12.70            | [.500]          | 1-2      | 37 | 0.20      | [.008] | 03068       | 9-192038-1 |             |      |
|                              | A     | --       | --     | --                       | 12           | 12.70            | [.500]          | UNPL     | -- | 0.20      | [.008] | 03059       | 9-192038-0 |             |      |
| C                            | A     | [.62]    | [.030] | --                       | 12           | 12.70            | [.500]          | 1-2      | 36 | 0.15      | [.006] | 03117       | 8-192038-9 | OBSOLETE    |      |
|                              | A     | [.62]    | [.020] | --                       | 13           | 12.70            | [.500]          | UNPL     | 37 | 0.12      | [.005] | 03092       | 8-192038-8 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 11.99            | [.472]          | 3-2      | 36 | 0.20      | [.008] | --          | 8-192038-7 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 11.99            | [.472]          | 1-2      | 36 | 0.20      | [.008] | 03108       | 8-192038-6 |             |      |
|                              | A     | [.62]    | [.034] | --                       | 12           | 11.99            | [.472]          | UNPL     | 36 | 0.20      | [.008] | 03135       | 8-192038-5 |             |      |
|                              | A     | [.60]    | [.034] | --                       | 12           | 11.10            | [.437]          | 3-2      | 34 | 0.20      | [.008] | 03045       | 8-192038-4 |             |      |
|                              | A     | [.60]    | [.034] | --                       | 12           | 11.10            | [.437]          | 1-2      | 34 | 0.20      | [.008] | 03106       | 8-192038-3 |             |      |
|                              | A     | [.60]    | [.034] | --                       | 12           | 11.10            | [.437]          | UNPL     | 34 | 0.20      | [.008] | 03081       | 8-192038-2 |             |      |
|                              | A     | [.58]    | [.034] | --                       | 12           | 11.10            | [.437]          | 1-2      | 32 | 0.20      | [.008] | 03102       | 8-192038-1 |             |      |
|                              | A     | [.58]    | [.034] | --                       | 12           | 11.10            | [.437]          | UNPL     | 32 | 0.20      | [.008] | 03109       | 8-192038-0 |             |      |
| B                            | A     | [.58]    | [.020] | --                       | 13           | 11.10            | [.437]          | UNPL     | 32 | 0.12      | [.005] | 03118       | 7-192038-9 | OBSOLETE    |      |
|                              | A     | [.60]    | [.034] | --                       | 12           | 10.79            | [.425]          | 4-2      | 34 | 0.20      | [.008] | 03105       | 7-192038-8 |             |      |
|                              | A     | [.55]    | [.038] | --                       | 12           | 10.00            | [.394]          | 1-2      | 30 | 0.20      | [.008] | 03069       | 7-192038-7 |             |      |
|                              | A     | [.55]    | [.038] | --                       | 12           | 10.00            | [.394]          | UNPL     | 30 | 0.20      | [.008] | 03072       | 7-192038-6 |             |      |
|                              | A     | --       | --     | --                       | 12           | 10.00            | [.394]          | 3-2      | 30 | 0.15      | [.006] | 03044       | 7-192038-5 |             |      |
|                              | A     | [.50]    | [.034] | --                       | 12           | 9.52             | [.375]          | 3-2      | 27 | 0.20      | [.008] | 03093       | 7-192038-4 |             |      |
|                              | A     | [.50]    | [.034] | --                       | 12           | 9.52             | [.375]          | 1-2      | 27 | 0.20      | [.008] | 03089       | 7-192038-3 |             |      |
|                              | A     | [.50]    | [.034] | --                       | 12           | 8.89             | [.350]          | UNPL     | 28 | 0.20      | [.008] | 03112       | 7-192038-2 |             |      |
|                              | A     | --       | --     | --                       | 12           | 8.00             | [.315]          | 3-2      | -- | 0.12      | [.005] | 03043       | 7-192038-1 |             |      |
|                              | A     | --       | --     | --                       | 12           | 8.00             | [.315]          | 3-2      | -- | 0.20      | [.008] | 03040       | 7-192038-0 |             |      |
| A                            | A     | --       | --     | --                       | 12           | 8.00             | [.315]          | 1-2      | -- | 0.20      | [.008] | 03098       | 6-192038-9 | OBSOLETE    |      |
|                              | A     | --       | --     | --                       | 12           | 8.00             | [.315]          | 1-2      | -- | 0.20      | [.008] | 03070       | 6-192038-8 |             |      |
|                              | A     | --       | --     | --                       | 12           | 8.00             | [.315]          | UNPL     | -- | 0.20      | [.008] | 03039       | 6-192038-7 |             |      |
|                              | A     | [.42]    | [.034] | --                       | 12           | 8.00             | [.315]          | 3-2      | 22 | 0.20      | [.008] | 03141       | 6-192038-6 |             |      |
|                              | A     | [.42]    | [.034] | --                       | 12           | 8.00             | [.315]          | 1-2      | 22 | 0.20      | [.008] | 03101       | 6-192038-5 |             |      |
|                              | A     | [.42]    | [.034] | --                       | 12           | 8.00             | [.315]          | UNPL     | 22 | 0.20      | [.008] | 03100       | 6-192038-4 |             |      |
|                              | A     | --       | --     | --                       | 12           | 6.60             | [.260]          | 3-2      | -- | 0.15      | [.006] | 03038       | 6-192038-3 |             |      |
|                              | A     | --       | --     | --                       | 12           | 6.35             | [.250]          | UNPL     | -- | 0.15      | [.006] | 03037       | 6-192038-2 |             |      |
|                              | A     | [.32]    | [.036] | --                       | 12           | 7.11             | [.280]          | 3-2      | 20 | 0.20      | [.008] | 03033       | 6-192038-1 |             |      |
|                              | A     | [.32]    | [.036] | --                       | 12           | 7.11             | [.280]          | 1-2      | 20 | 0.20      | [.008] | 03063       | 6-192038-0 |             |      |
|                              | A     | [.32]    | [.036] | --                       | 12           | 7.11             | [.280]          | UNPL     | 20 | 0.20      | [.008] | 03076       | 5-192038-9 | OBSOLETE    |      |
|                              | A     | [.32]    | [.020] | --                       | 13           | 7.11             | [.280]          | UNPL     | 20 | 0.20      | [.008] | 03083       | 5-192038-8 |             |      |
|                              | A     | --       | --     | --                       | 12           | 6.60             | [.260]          | 3-2      | 19 | 0.20      | [.008] | 03032       | 5-192038-7 |             |      |
|                              | A     | --       | --     | --                       | 12           | 6.35             | [.250]          | UNPL     | 18 | 0.20      | [.008] | 03031       | 5-192038-6 |             |      |
|                              | A     | [.35]    | [.034] | --                       | 12           | 6.35             | [.250]          | UNPL     | 19 | 0.20      | [.008] | 03136       | 5-192038-5 |             |      |
|                              | A     | [.31]    | [.034] | --                       | 12           | 6.35             | [.250]          | 3-2      | 18 | 0.20      | [.008] | 03029       | 5-192038-4 |             |      |
|                              | A     | [.31]    | [.034] | --                       | 12           | 6.35             | [.250]          | 1-2      | 18 | 0.20      | [.008] | 03075       | 5-192038-3 |             |      |
|                              | A     | [.31]    | [.034] | --                       | 12           | 6.35             | [.250]          | UNPL     | 18 | 0.20      | [.008] | 03062       | 5-192038-2 |             |      |
|                              | A     | [.35]    | [.043] | --                       | 12           | 6.35             | [.250]          | 1-2      | 18 | 0.15      | [.006] | 03143       | 5-192038-1 |             |      |
|                              | STYLE | FREE DIA | LH     | LENGTH                   | MAT'L (NOTE) | MATING PIN Ø REF | PLATING NOTE NO | NUM LOUV |    | MAT'L THK | REF    | PART NUMBER |            |             |      |

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

± -

± -

± 0.5 [.02]

± 0.25 [.010]

± -

± -

SEE TABLE

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DWN

RA JAYNE

08-13-91

CHK

RA JAYNE

08-13-91

APVD

-

-

PRODUCT SPEC

-

-

APPLICATION SPEC

-

-

WEIGHT

-

-

CUSTOMER DRAWING

SCALE

NTS

SHEET

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