

CE PLAN ÉTANT UN EXTRAIT DU PLAN DE DÉFINITION, POUR TOUT LITIGE ON FERA RÉFÉRENCE AU PLAN DE DÉFINITION.

THIS DRAWING IS AN EXTRACT OF THE PART DRAWING, FOR ANY LITIGATION THE PART DETAIL DRAWING WILL BE THE ONLY REFERENCE.

NOTICE DE CONTRÔLE:  
AU PIED À COULISSE OU AU PROJECTEUR DE PROFIL, VÉRIFIER LES COTES INDICÉES SUR LE DESSIN DU CLP.

CONTROL SPECIFICATION:  
WITH A SLIDING CALIPER OR A PROFILE PROJECTOR, MEASURE THE NOTED DIMENSIONS ON THE DRAWING.

|  |   |
|--|---|
| INDICATION DIMENSIONS S.P.C. DENOTES S.P.C. DIMENSIONS             | INDICATION DIMENSIONS CRITIQUES DENOTES CRITICAL DIMENSIONS     |
| INDICATION DIMENSIONS FUNCTIONNELLES DENOTES FUNCTIONAL DIMENSIONS | QUANTITE PAR FEUILLE INDIVIDUELLE QUANTITY PER INDIVIDUAL SHEET |
| 2  | 4   |
| 4  | 4   |

| Assembled Terminal Part number MOLEX | Crimping Range Gammes de sertissage | Material Terminal's Body Matière Corps du contact           | Material / Matière Terminal's Sleeve Cage de protection | Part weight Poids Pièce (grams)        | Crimp area dimensions table / Tableau des dimensions zone de sertissage |      |      |       |      |                                       |      |       |                                     |      |      |
|--------------------------------------|-------------------------------------|---|---|--|---|------|------|-------|------|---------------------------------------|------|-------|-------------------------------------|------|------|
|                                      |                                     |   |   |  | Length Longueurs  |      |      |       |      | conductor crimp sertissage conducteur |      |       | Insulation Crimp Sertissage isolant |      |      |
|                                      |                                     |   |   |  | A   | B    | C    | RC    | E    | F                                     | I    | R     | G                                   | H    | J    |
| 98195-1211                           | 0.35 to 0.50 mm <sup>2</sup>        | CuCrSITI Tin pre-plated, Tin Thickness : 1-3 μm, HOT TIN DP | Stainless Steel X12 CrNi 17.7                           | Body/Corps: 0.17<br>Sleeve/Cage : 0.09 | 3.40  | 5.10 | 7.60 | R0.50 | 1.90 | 2.10                                  | 0.40 | R100  | 2.90                                | 2.90 | 0.20 |
| 98195-1212                           | 0.5 to 1 mm <sup>2</sup>            | CuCrSITI Tin pre-plated, Tin Thickness : 1-3 μm, HOT TIN DP | Stainless Steel X12 CrNi 17.7                           | Body/Corps: 0.19<br>Sleeve/Cage : 0.09 | 3.40  | 5.10 | 7.60 | R0.60 | 2.50 | 2.90                                  | 0.40 | R100  | 3.80                                | 3.90 | 0.20 |
| 98195-1213                           | >1 to 2.5 mm <sup>2</sup>           | CuCrSITI Tin pre-plated, Tin Thickness : 1-3 μm, HOT TIN DP | Stainless Steel X12 CrNi 17.7                           | Body/Corps: 0.21<br>Sleeve/Cage : 0.09 | 3.40  | 5.20 | 7.60 | R0.90 | 3.60 | 3.40                                  | 0.40 | R1.15 | 4.50                                | 4.20 | 0.20 |

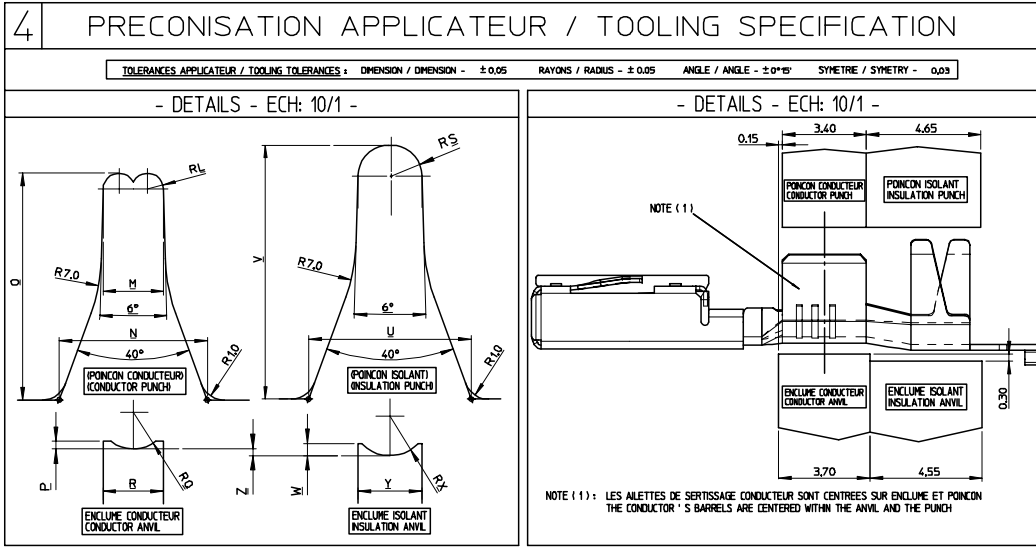
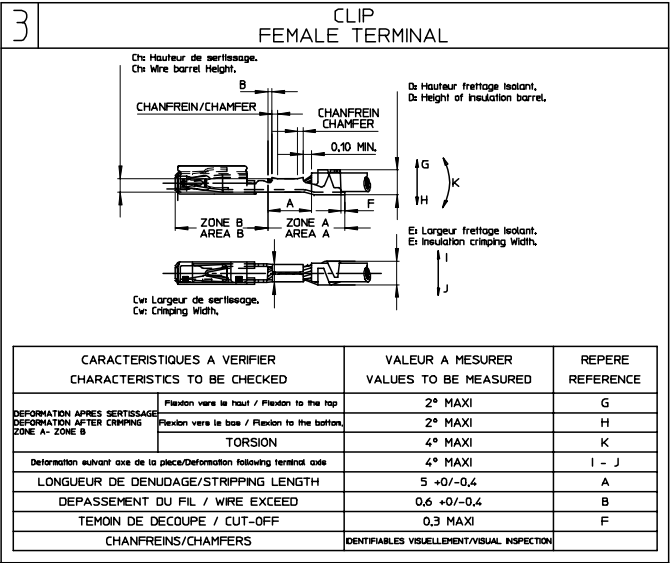
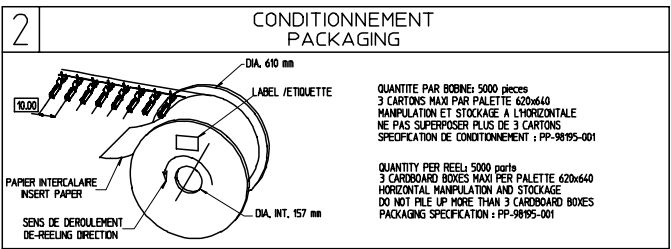
| EC NO: G2004-0072<br>DRWNLSTICKEI 2003/09/08<br>CHKDP:DCHELE2003/09/08<br>APPR:BOUGHAN2003/09/16                              | QUALITY CONTROL<br>DESCRIPTION<br>REV | GENERAL TOLERANCES (UNLESS SPECIFIED)   | SCALE 10:1         | DESIGN UNITS METRIC                    | FIRST ANGLE PROJECTION | REVISE ON CAD ONLY  |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
|---|---------------------------------------|---|--------------------|--|------------------------|---------------------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|-----------------------------------|-------|--|--|
|   |                                       | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± 0.012</td> </tr> </table> |                    | mm                                     | INCH                   | 4 PLACES            | ± 0.10 | ± 0.004 | 3 PLACES | ± 0.15 | ± 0.006 | 2 PLACES | ± 0.20 | ± 0.008 | 1 PLACE | ± 0.30 | ± 0.012 | DIMENSION STYLE<br><b>MM ONLY</b> | TITLE | MOX 1.5MM TERMINAL RECEPTACLE TERMINAL CONTROL SPECIFICATION |  |
|   |                                       |   | mm                 | INCH                                   |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
|   |                                       | 4 PLACES  | ± 0.10             | ± 0.004                                |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
| 3 PLACES  | ± 0.15                                | ± 0.006   |                    |  |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
| 2 PLACES  | ± 0.20                                | ± 0.008   |                    |  |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
| 1 PLACE   | ± 0.30                                | ± 0.012   |                    |  |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                       | APPROVED BY<br>WMO  | DATE<br>2001/09/17 | MATERIAL NO.<br>SEE CHART SD-98195-002 | DOCUMENT NO.<br>1 OF 2 | SHEET NO.<br>1 OF 2 |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |   |                    |  |                        |                     |        |         |          |        |         |          |        |         |         |        |         |                                   |       |  |  |

|     |     |
|-----|-----|
| 2   | B   |
| 1   | B   |
| SHT | REV |

### SERTISSAGE CRIMPING

PARAMETRES DE SERTISSAGE  
CRIMPING PARAMETERS

| FL / WIRE |                             | CONTACT / TERMINAL REFERENCES PART # MOLEX |                                  | SERTISSAGE CUIVRE WIRE BARREL       |                                  |                                   |                                    | FRETAGE ISOLANT INSULATION BARREL |         |        |                                  |         |        |         |        |        |            |         |        |        |      |      |      |      |      |
|-----------|-----------------------------|--|----------------------------------|-------------------------------------|----------------------------------|-----------------------------------|------------------------------------|-----------------------------------|---------|--------|----------------------------------|---------|--------|---------|--------|--------|------------|---------|--------|--------|------|------|------|------|------|
| TYPE      | SECTION REELLE REAL SECTION | SECTION NOMINALE NOMINAL SECTION           | DIAM. BRIN MAX. MAX STRANDS DIA. | DIAMETRE ISOLANT ISOLATION DIAMETER | VERSION ET/OU TIN PLATED VERSION | VERSION DOREE GOLD PLATED VERSION | Poinçon Conducteur Conductor Punch |                                   |         |        | Poinçon Isolant Insulation Punch |         |        |         |        |        |            |         |        |        |      |      |      |      |      |
|           |                             |  |                                  |                                     |                                  |                                   | RL (mm)                            | H (mm)                            | N (mm)  | O (mm) | P (mm)                           | RJ (mm) | R (mm) | RS (mm) | U (mm) | V (mm) | W (mm)     | RX (mm) | Y (mm) | Z (mm) |      |      |      |      |      |
| 0.22 I03  | 0.22 mm <sup>2</sup>        | 7  | 0.20                             | 1.20                                | 98195-1211                       | T&D                               | 0.85 ±0.03                         | 1.4                               | > 50 N  | 0.36   | 1.35                             | 5.50    | 9.0    | 0.13    | 1.00   | 1.35   | 1.40 ±0.05 | 2.15    | 1.08   | 6.20   | 9.8  | 0.39 | 1.40 | 2.25 | 0.20 |
| 0.35 I03  | 0.34 mm <sup>2</sup>        | 7  | 0.25                             | 1.30                                |                                  |                                   | 0.90 ±0.03                         | 1.4                               | > 60 N  | 0.36   | 1.35                             | 5.50    | 9.00   | 0.13    | 1.00   | 1.35   | 1.70 ±0.05 | 2.20    | 1.08   | 6.20   | 9.8  | 0.39 | 1.40 | 2.25 | 0.20 |
| 0.50 I03  | 0.495 mm <sup>2</sup>       | 7  | 0.30                             | 1.40                                |                                  |                                   | 0.95 ±0.03                         | 1.4                               | > 80 N  | 0.36   | 1.35                             | 5.50    | 9.00   | 0.13    | 1.00   | 1.35   | 1.85 ±0.05 | 2.20    | 1.08   | 6.20   | 9.8  | 0.39 | 1.40 | 2.25 | 0.20 |
| 0.50 I03  | 0.495 mm <sup>2</sup>       | 7  | 0.30                             | 1.40                                |                                  |                                   | 1.05 ±0.03                         | 1.85                              | > 80 N  | 0.48   | 1.80                             | 6.00    | 9.00   | 0.23    | 1.10   | 1.80   | 1.90 ±0.05 | 2.45    | 1.08   | 6.20   | 9.8  | 0.39 | 1.40 | 2.25 | 0.20 |
| 0.60 I03  | 0.59 mm <sup>2</sup>        | 12   | 0.25                             | 1.80                                | 98195-1212                       | T&D                               | 1.10 ±0.03                         | 1.85                              | > 100 N | 0.48   | 1.80                             | 6.00    | 9.00   | 0.23    | 1.10   | 1.80   | 2.10 ±0.05 | 2.45    | 1.20   | 6.50   | 9.8  | 0.41 | 1.60 | 2.50 | 0.20 |
| 0.75 I03  | 0.79 mm <sup>2</sup>        | 19   | 0.25                             | 1.70                                |                                  |                                   | 1.15 ±0.03                         | 1.85                              | > 100 N | 0.48   | 1.80                             | 6.00    | 9.00   | 0.23    | 1.10   | 1.80   | 2.05 ±0.05 | 2.45    | 1.20   | 6.50   | 9.8  | 0.41 | 1.60 | 2.50 | 0.20 |
| 1.00 I03  | 0.933 mm <sup>2</sup>       | 19   | 0.25                             | 1.80                                |                                  |                                   | 1.25 ±0.03                         | 1.85                              | > 120 N | 0.48   | 1.80                             | 6.00    | 9.00   | 0.23    | 1.10   | 1.80   | 2.10 ±0.05 | 2.45    | 1.20   | 6.50   | 9.8  | 0.41 | 1.60 | 2.50 | 0.20 |
| 1.40 I03  | 1.33 mm <sup>2</sup>        | 27   | 0.25                             | 2.30                                | 98195-1213                       | T&D                               | 1.45 ±0.03                         | 2.5                               | > 180 N | 0.649  | 2.45                             | 6.00    | 9.20   | 0.31    | 1.50   | 2.45   | 2.40 ±0.05 | 2.65    | 1.248  | 6.60   | 10.3 | 0.49 | 1.60 | 2.60 | 0.30 |
| 1.50 I03  | 1.53 mm <sup>2</sup>        | 19   | 0.32                             | 2.20                                |                                  |                                   | 1.40 ±0.03                         | 2.5                               | > 180 N | 0.649  | 2.45                             | 6.00    | 9.20   | 0.31    | 1.50   | 2.45   | 2.60 ±0.05 | 2.65    | 1.248  | 6.60   | 10.3 | 0.49 | 1.60 | 2.60 | 0.30 |
| 2.00 I03  | 1.82 mm <sup>2</sup>        | 37   | 0.20                             | 2.60                                |                                  |                                   | 1.50 ±0.03                         | 2.5                               | > 220 N | 0.649  | 2.45                             | 6.00    | 9.20   | 0.31    | 1.50   | 2.45   | 2.70 ±0.05 | 2.65    | 1.248  | 6.60   | 10.3 | 0.49 | 1.60 | 2.60 | 0.30 |
| 2.00 I03  | 1.88 mm <sup>2</sup>        | 60   | 0.20                             | 2.45                                |                                  |                                   | 1.50 ±0.03                         | 2.5                               | > 220 N | 0.649  | 2.45                             | 6.00    | 9.20   | 0.31    | 1.50   | 2.45   | 2.70 ±0.05 | 2.65    | 1.248  | 6.60   | 10.3 | 0.49 | 1.60 | 2.60 | 0.30 |
| 2.50 I03  | 2.45 mm <sup>2</sup>        | 50   | 0.25                             | 2.80                                |                                  |                                   | 1.55 ±0.03                         | 2.5                               | > 220 N | 0.649  | 2.45                             | 6.00    | 9.20   | 0.31    | 1.50   | 2.45   | 2.75 ±0.05 | 2.65    | 1.248  | 6.60   | 10.3 | 0.49 | 1.60 | 2.60 | 0.30 |



|   |                                       |                         |                     |  |                    |
|---|---------------------------------------|-------------------------|---------------------|--|--------------------|
| EC NO: G2004-0072<br>DRW: NLS/TICKET 2003/09/08<br>CHKD: PDC/HELE 2003/09/08<br>APPR: BOUCHAN/2003/09/16                      | GENERAL TOLERANCES (UNLESS SPECIFIED) | SCALE 1:1               | DESIGN UNITS METRIC | FIRST ANGLE PROJECTION                                       | REVISE ON CAD ONLY |
|   | 4 PLACES ± --- ± ---                  | DIMENSION STYLE MM ONLY | DRAWN BY DATE       | TITLE  |                    |
|   | 3 PLACES ± --- ± ---                  | 1 PLACE ± 0.05 ± 0.10   | PDE 2001/03/10      | MOX 1.5MM TERMINAL RECEPTACLE TERMINAL CONTROL SPECIFICATION |                    |
|   | 2 PLACES ± 0.05 ± ---                 | ANGULAR ± 1/2°          | CHECKED BY DATE     | MATERIAL NO. DOCUMENT NO. SHEET NO.                          |                    |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                                       | APPROVED BY DATE        | 2001/08/20          | SEE SHEET 1/SD-98195-002                                     | 2 OF 2             |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |                         |                     |  |                    |