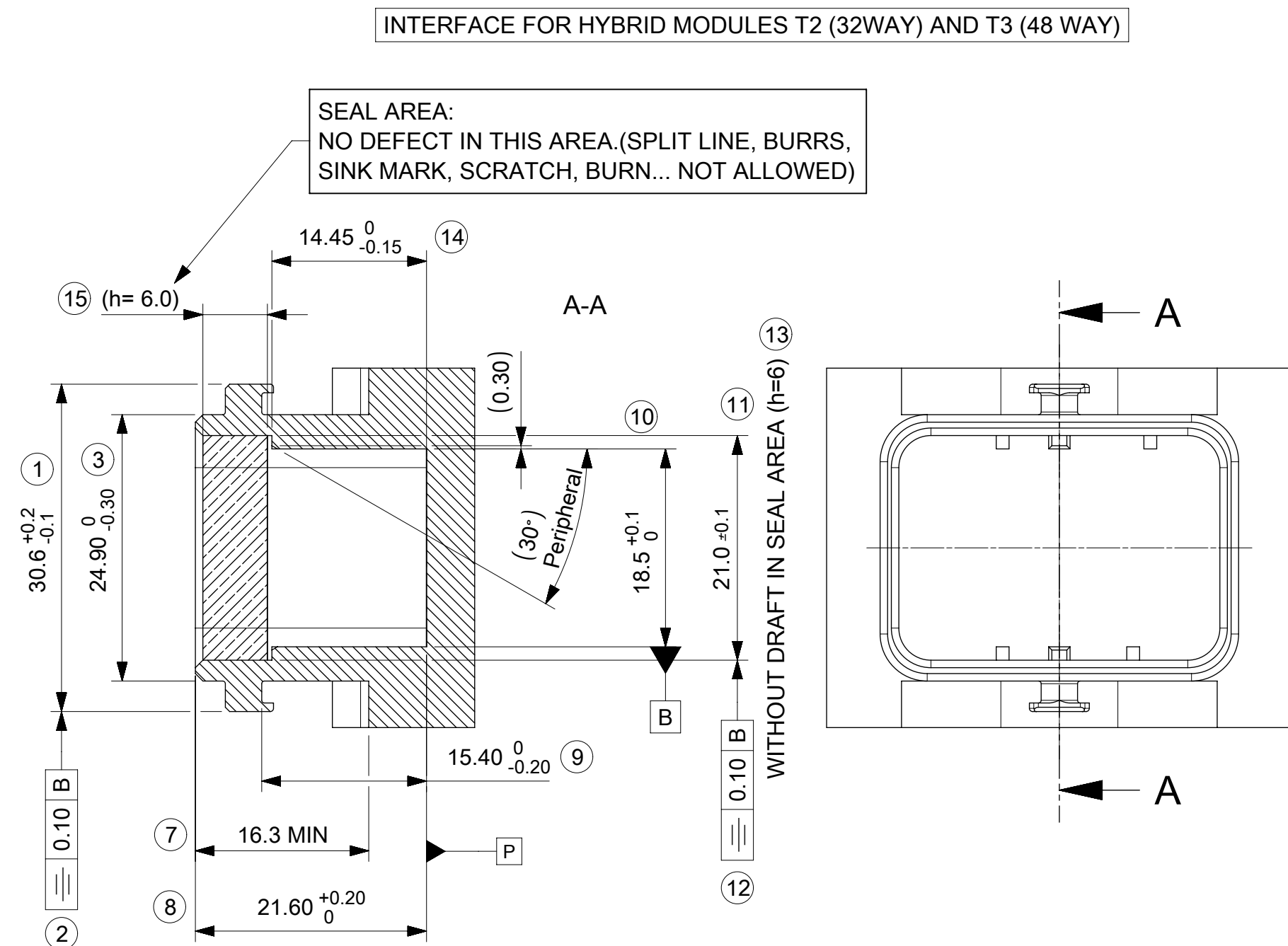
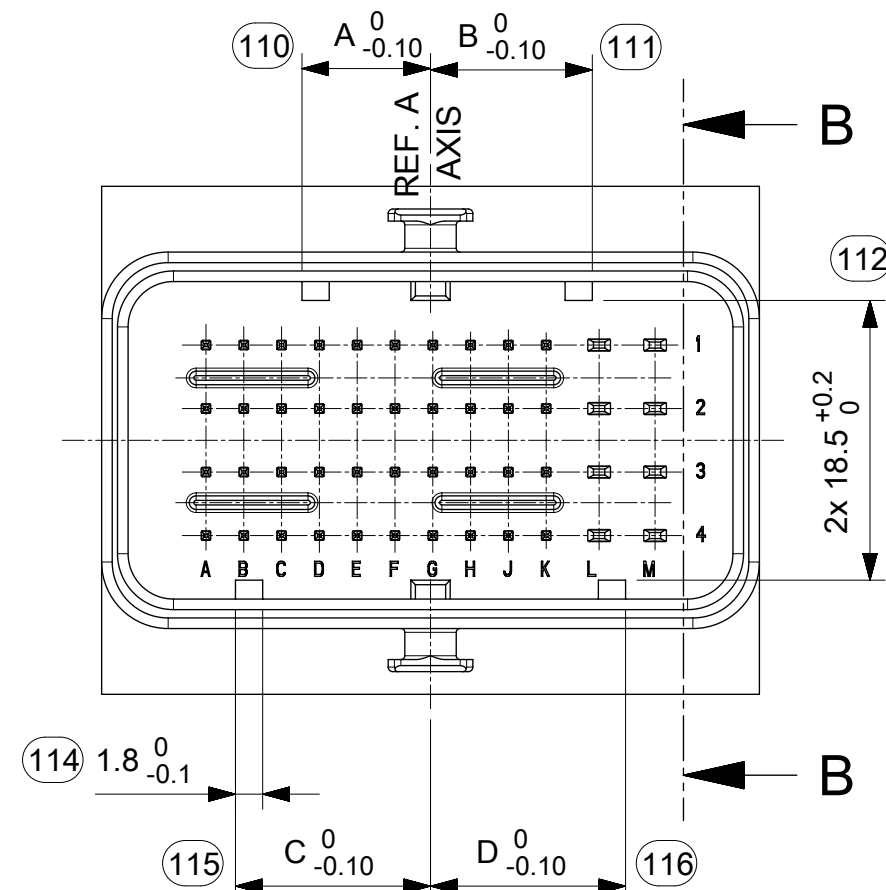
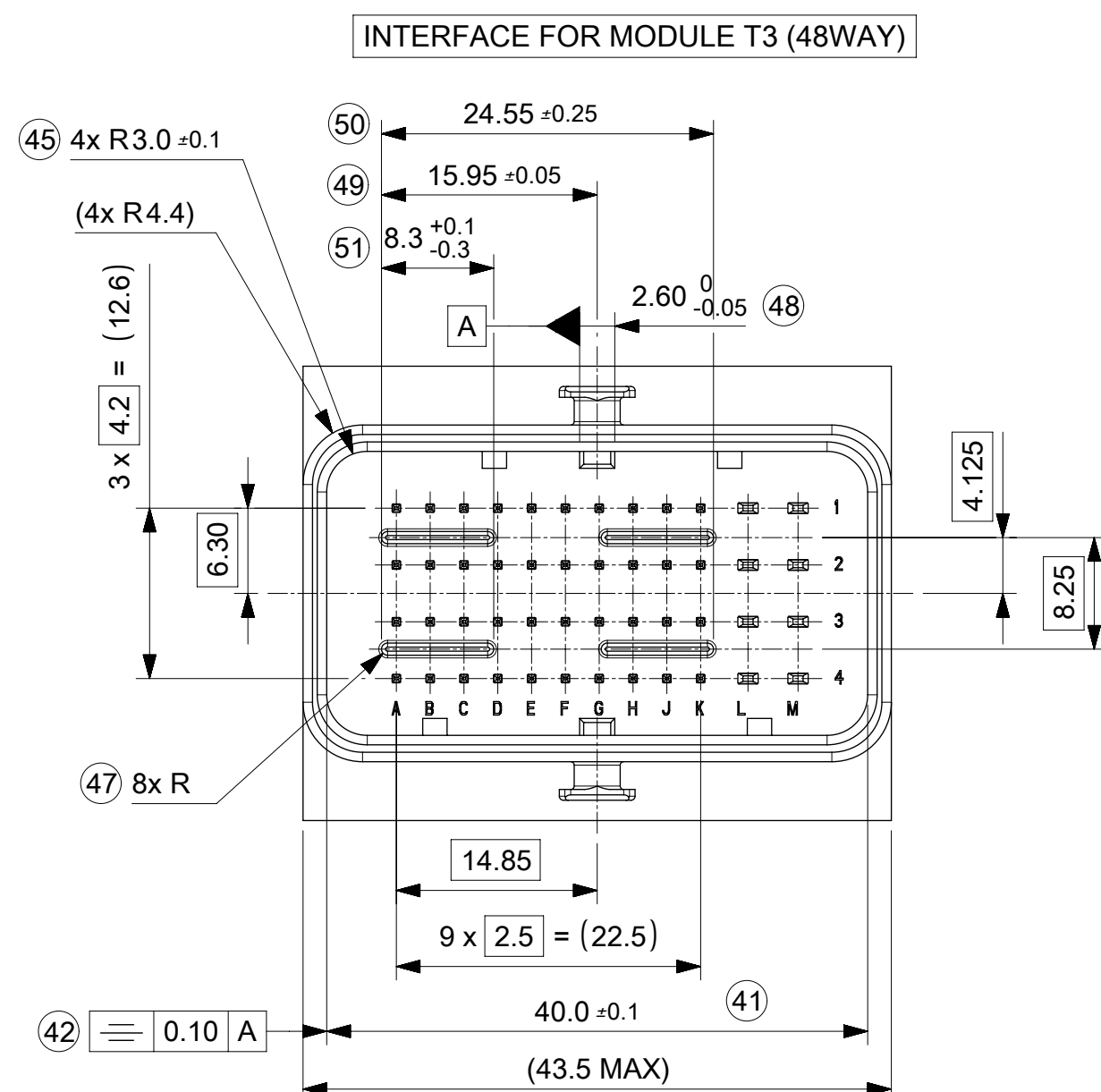
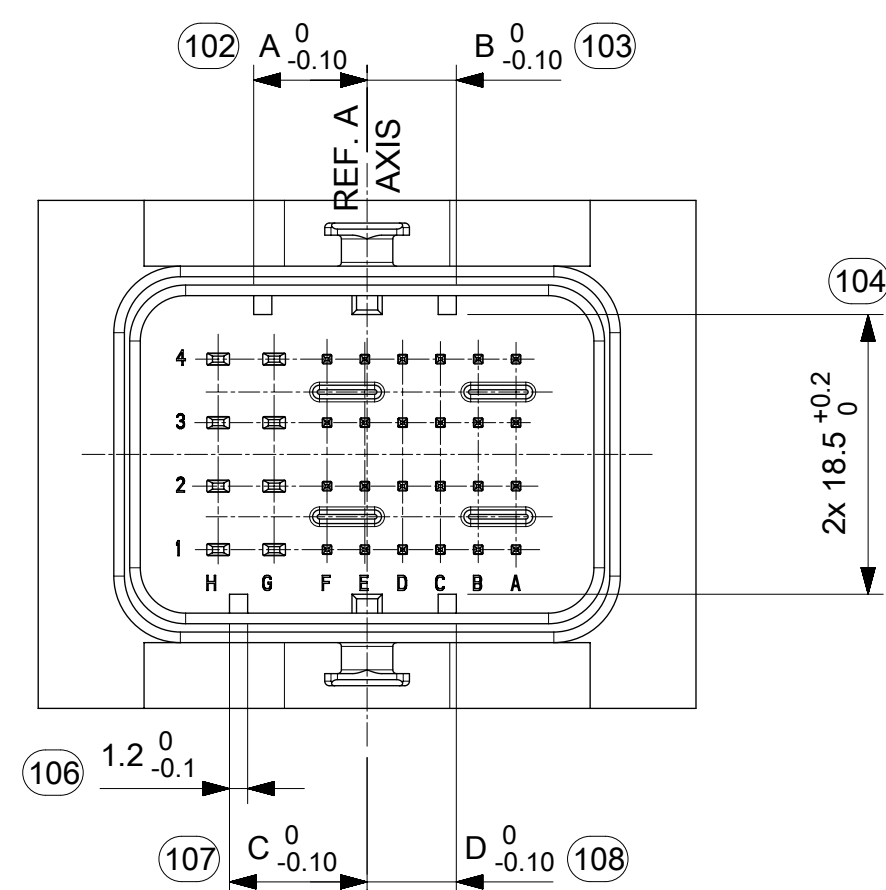
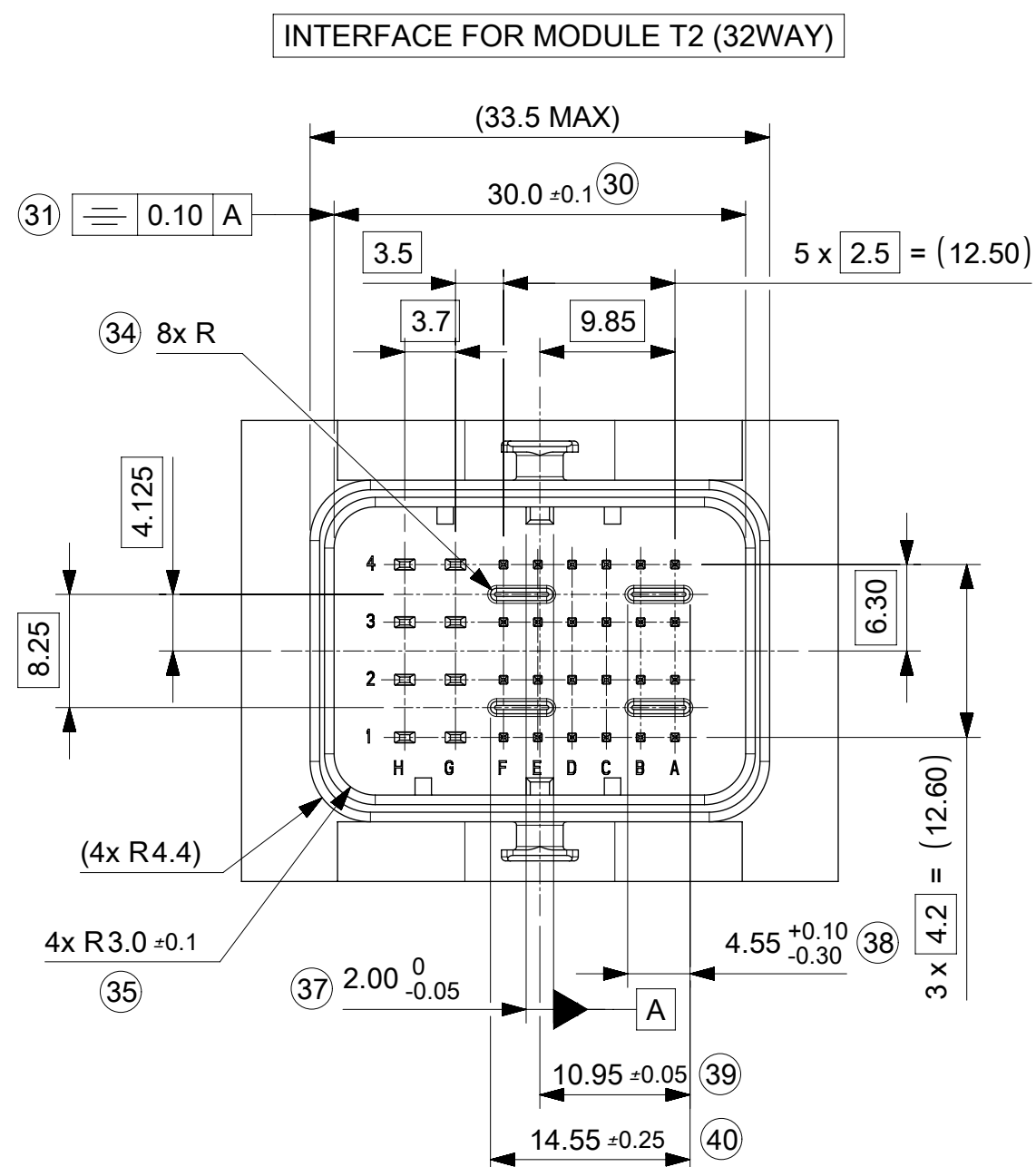




## HEADERS CODINGS

(CODING 2 SHOWN)

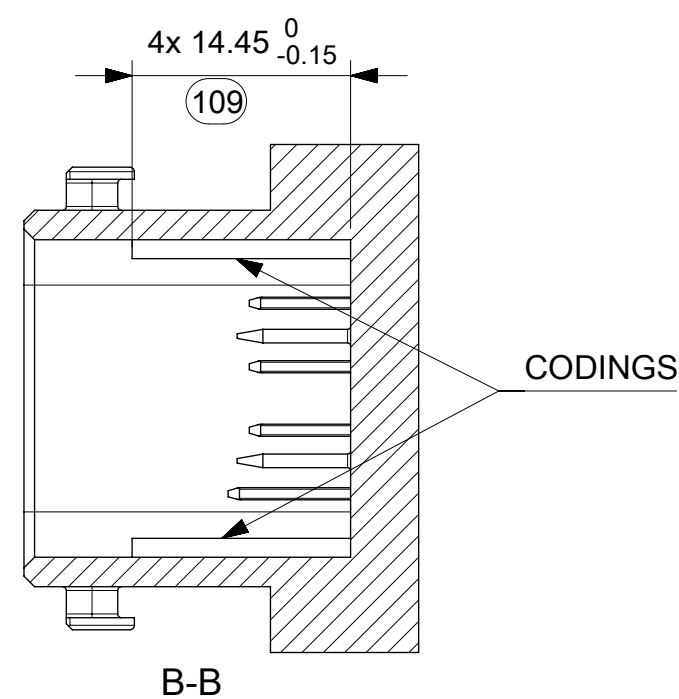
| HEADER'S CODINGS FOR MODULE T2 (32W) |        |        |        |        |        |
|--------------------------------------|--------|--------|--------|--------|--------|
| COLOR                                | CODING | DIM. A | DIM. B | DIM. C | DIM. D |
| BLACK                                | 1      | 9.1    | 4.3    | 5.9    | 4.3    |
| GREY                                 | 2      | 7.5    | 5.9    | 9.1    | 5.9    |
| BROWN                                | 3      | 5.9    | 7.5    | 9.1    | 9.1    |
| GREEN                                | 4      | 7.5    | 9.1    | 4.3    | 4.3    |
| BLUE                                 | 5      | 4.3    | 7.5    | 5.9    | 5.9    |
| YELLOW                               | 6      | 9.1    | 7.5    | 4.3    | 7.5    |

(CODING 3 SHOWN)

| HEADER'S CODINGS FOR MODULE T3 (48W) |        |        |        |        |        |
|--------------------------------------|--------|--------|--------|--------|--------|
| COLOR                                | CODING | DIM. A | DIM. B | DIM. C | DIM. D |
| BLACK                                | 1      | 12.9   | 6.3    | 8.5    | 6.3    |
| GREY                                 | 2      | 10.7   | 8.5    | 12.9   | 8.5    |
| BROWN                                | 3      | 8.5    | 10.7   | 12.9   | 12.9   |
| GREEN                                | 4      | 10.7   | 12.9   | 6.3    | 6.3    |
| BLUE                                 | 5      | 6.3    | 10.7   | 8.5    | 8.5    |
| YELLOW                               | 6      | 12.9   | 10.7   | 6.3    | 10.7   |

NOTE:

- 1- INTERFACE DEFINITION BASED ON NFR13-462 STANDARD.  
2- HEADER: ELASTICITY MODULUS: 8000Mpa min.  
(INITIAL CONDITION BEFORE AGEING)



|                                                                                                                                               |  |        |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|-------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------|--|-----------------|--|----------|--|----------------|--|--------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |        |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE  |  | CURRENT REV DESC: NX RE-MASTERING                                                                     |  |  |  | <div>molex</div>                                                                      |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| mm                                                                                                                                            |  | 2:1    |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |  | EC NO: 603689<br>DRWN: SLAFAURE 2018/07/17<br>CHK'D: OPLESSIS 2018/08/31<br>APPR: SLAFAURE 2018/09/03 |  |  |  | 32 & 48CKT CMC INTERFACE                                                              |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| ANGULAR TOL ± 2.0 °                                                                                                                           |  |        |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| 4 PLACES                                                                                                                                      |  | ± 0.10 |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| 3 PLACES                                                                                                                                      |  | ± 0.10 |  | INITIAL REVISION:<br>DRWN: G.DESBRUERES 2008/10/02<br>APPR: OPLESSIS 2008/10/06                       |  |  |  | PRODUCT CUSTOMER DRAWING                                                              |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |
| 2 PLACES                                                                                                                                      |  | ± 0.10 |  |                                                                                                       |  |  |  | DOCUMENT NUMBER                                                                       |  | DOC TYPE                                                                              |  | DOC PART |  | REVISION        |  |          |  |                |  |        |  |
| 1 PLACE                                                                                                                                       |  | ± 0.10 |  |                                                                                                       |  |  |  | SD-98644-006                                                                          |  | PSD                                                                                   |  | 001      |  | B1              |  |          |  |                |  |        |  |
| 0 PLACES                                                                                                                                      |  | ±      |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                            |  |  |  | FIRST ANGLE PROJECTION                                                                |  | DRAWING                                                                               |  | SERIES   |  | MATERIAL NUMBER |  | CUSTOMER |  | SHEET NUMBER   |  |        |  |
|                                                                                                                                               |  |        |  |                                                                                                       |  |  |  |  |  |  |  | A2-SIZE  |  | 98644           |  | N/A      |  | GENERAL MARKET |  | 1 OF 3 |  |
|                                                                                                                                               |  |        |  |                                                                                                       |  |  |  |                                                                                       |  |                                                                                       |  |          |  |                 |  |          |  |                |  |        |  |

5:1

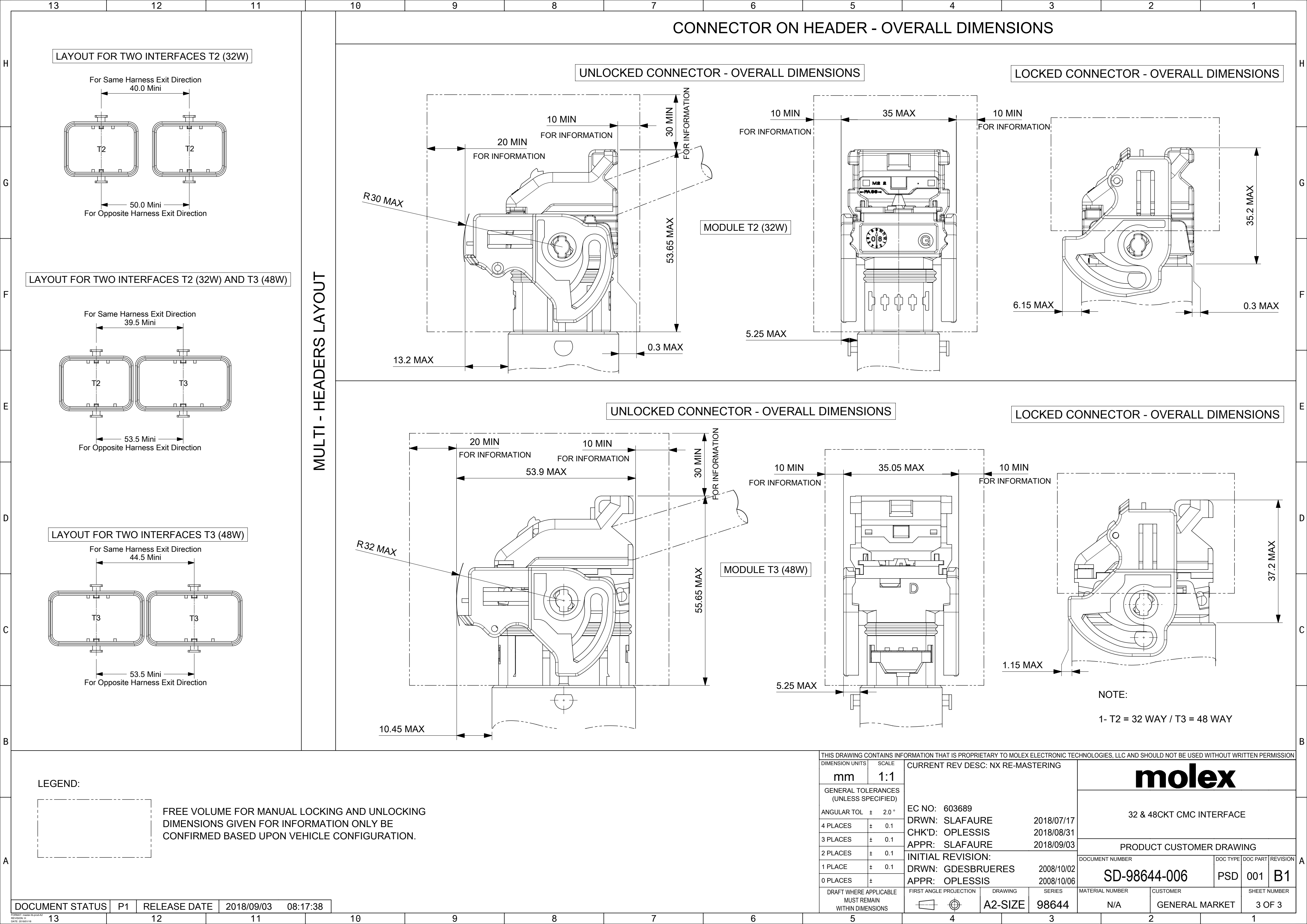


5:1



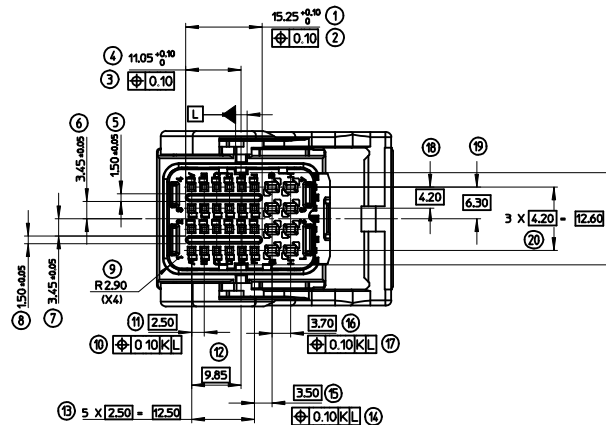
## 5:1

5:1

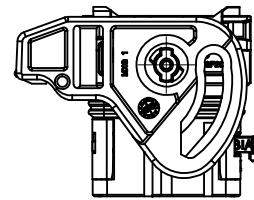
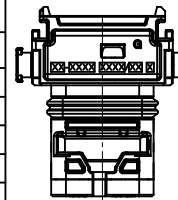




INDICATION DIMENSIONS S.P.C  
DENOTES S.P.C DIMENSIONS  
● INDICATION DIMENSIONS CRITIQUES  
DENOTES CRITICAL DIMENSIONS  
● INDICATION DIMENSIONS FONCTIONNELLES  
DENOTES FUNCTIONAL DIMENSIONS  
QUANTITE PAR FEUILLE INDIVIDUELLE  
QUANTITY PER INDIVIDUAL SHEET  
X = 0 X = 0 ● = 3

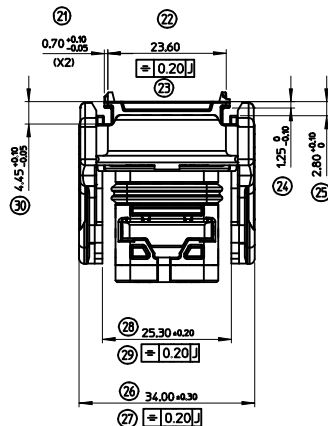


| PORTE-CLIPS 32 VOIES SORTIE DROITE<br>FEMALE MODULE 32 WAY RIGHT WIRE OUTPUT |                |
|------------------------------------------------------------------------------|----------------|
| REF. MOLEX / MOLEX P/N                                                       | COULEUR/COLOUR |
| 0989442001                                                                   | NOIR/BLACK     |
| 0989442002                                                                   | GRIS/GREY      |
| 0989442003                                                                   | MARRON/BROWN   |
| 0989442004                                                                   | VERT/GREEN     |
| 0989442005                                                                   | BLEU/BLUE      |
| PORTE-CLIPS 32 VOIES SORTIE GAUCHE<br>FEMALE MODULE 32 WAY LEFT WIRE OUTPUT  |                |
| REF. MOLEX / MOLEX P/N                                                       | COULEUR/COLOUR |
| 0989443001                                                                   | NOIR/BLACK     |
| 0989443002                                                                   | GRIS/GREY      |
| 0989443003                                                                   | MARRON/BROWN   |
| 0989443004                                                                   | VERT/GREEN     |
| 0989443005                                                                   | BLEU/BLUE      |

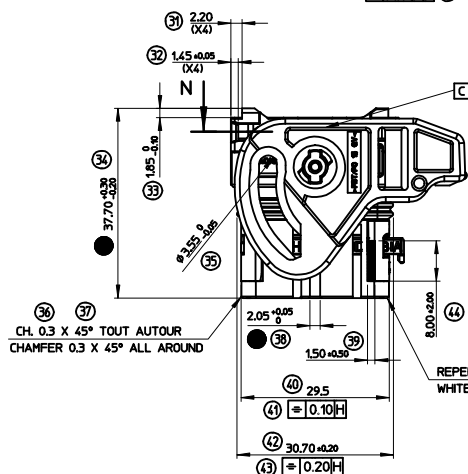


(LEVIER NON REPRESENTE)  
(LEVER NOT SHOWN)

LETTRE G VISIBLE, SORTIE GAUCHE  
LETTER G VISIBLE, LEFT WIRE OUTPUT



SECTION N  
(Ech. 5:1)

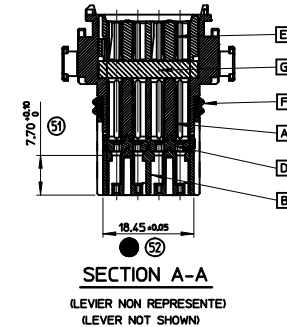
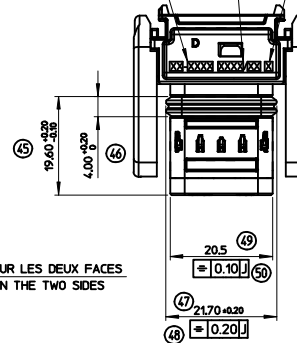


CH. 0.3 X 45° TOUT AUTOUR  
CHAMFER 0.3 X 45° ALL AROUND

REPERE BLANC SUR LES DEUX FACES  
WHITE MARKING ON THE TWO SIDES

REFERENCE MOLEX  
MOLEX PART NUMBER

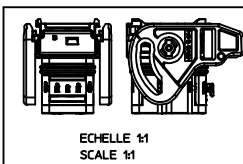
QUANTIEME/ANNEE DE L'ASSEMBLAGE  
DAY IN YEAR/YEAR OF ASSEMBLY  
INDICE DE REVISION DU PLAN CLIENT  
CUSTOMER DRAWING REVISION LEVEL



SECTION A-A  
(LEVIER NON REPRESENTE)  
(LEVER NOT SHOWN)

NOTES:

- 1- LE PORTE-CLIPS ASSEMBLE REPRESENTE EST LA VERSION SORTIE DROITE CODAGE 1  
FOR ILLUSTRATION PURPOSE THE FEMALE MODULE SHOWN IS THE RIGHT WIRE OUTPUT VERSION CODING 1
- 2- IMPLANTATION DES CLIPS, ENCOMBREMENTS, DETROMPAGE SUIVANT INTERFACE CONNECTIQUE PSA STE 9629500099 ET RENAULT 7710 001 079  
CLIPS LAYOUT, CODING FOLLOWING PSA INTERFACE CONNECTIQUE STE 9629500099 AND RENAULT 7710 001 079
- 3- REFERENCE DES CONNEXIONS SUIVANT STE 9637276380 ET STE 9628421380  
TERMINAL PART NUMBER FOLLOWING STE 9637276380 AND STE 9628421380
- 4- PRODUIT CONFORME A LA SPECIFICATION PSA STE 9629568099  
PRODUCT IN ACCORDANCE WITH PSA SPECIFICATION STE 9629568099
- 5- CAHIER DE PRECONISATION : RAS-98644-005  
APPLICATION SPECIFICATION : RAS-98644-005
- 6- LE PORTE-CLIPS EQUIPE S'ASSEMBLE AVEC LE CAPOT REFERENCE : 0986491003  
THE ASSEMBLED FEMALE MODULE IS ASSEMBLED WITH THE COVER PART NUMBER : 0986491003
- 7- POIDS PIECE: 30.275 g  
PART WEIGHT: 30.275 g



ECHELLE 1:1  
SCALE 1:1

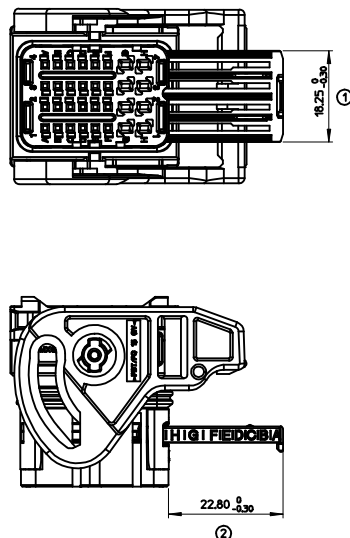
|     |     |
|-----|-----|
| 2   | C2  |
| 1   | C2  |
| SHT | REV |

|                                 |      |                                          |                  |                |
|---------------------------------|------|------------------------------------------|------------------|----------------|
| 0986570001                      | G    | JOINT GEL GROMMET<br>GEL GROMMET SEAL    | SILICONE         | BLEU/BLUE      |
| 0986560001                      | F    | JOINT INTERFACIAL<br>PERIMETER SEAL      | SILICONE         | BLEU/BLUE      |
| 0986481001                      | E    | GRILLE DE COMPRESSION<br>REAR SEAL COVER | PBTP 20% G.F.    | BLEU/BLUE      |
| 0986471001                      | D    | DOUBLE VERROUILLAGE<br>SECONDARY LOCKING | PBTP 30% G.F.    | VERT/GREEN     |
| 0986461001                      | C    | LEVIER/LEVER                             | PBT/PC 15% G.F.  | GRIS/GREY      |
| 0986451005                      | B    | BOITIER INFERIEUR<br>BOTTOM HOUSING      | PBTP 20% G.F.    | BLEU/BLUE      |
| 0986451004                      |      |                                          |                  | VERT/GREEN     |
| 0986451003                      |      |                                          |                  | MARRON/BROWN   |
| 0986451002                      |      |                                          |                  | GRIS/GREY      |
| 0986451001                      | A    | BOITIER SUPERIEUR<br>TOP HOUSING         | PBTP 20% G.F.    | NOIR/BLACK     |
| 0986441001                      |      |                                          |                  | NOIR/BLACK     |
| REF. MOLEX<br>MOLEX PART NUMBER | REP. | DESIGNATION                              | MATIERE/MATERIAL | COULEUR/COLOUR |

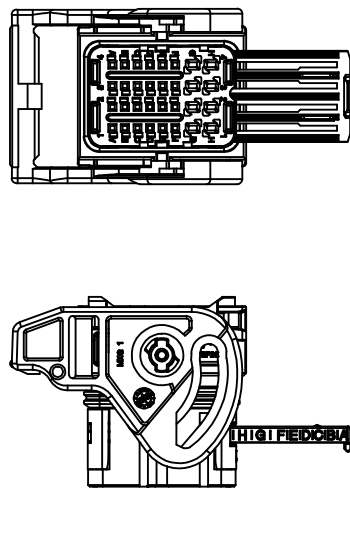
|                                          |  |                                                            |                        |                                                                                |  |                                                                                                                                  |  |
|------------------------------------------|--|------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | SCALE<br>2:1                                               | DESIGN UNITS<br>METRIC | FIRST ANGLE<br>PROJECTION                                                      |  | REVISE ON CAD ONLY                                                                                                               |  |
| 4 PLACES ± --- ± ---                     |  | DIMENSION STYLE<br>MM ONLY                                 |                        | TITLE<br>PORTE-CLIPS 32 VOIES CMC<br>FEMALE MODULE CMC 32 WAY<br>SALES DRAWING |  | MATERIAL NO.<br>SEE CHART                                                                                                        |  |
| 3 PLACES ± --- ± ---                     |  | DRAWN BY<br>PGR                                            |                        | DATE<br>99/12/12                                                               |  | DOCUMENT NO.<br>SD-98944-010                                                                                                     |  |
| 2 PLACES ± 0.10 ± ---                    |  | CHECKED BY<br>PDE                                          |                        | DATE<br>00/02/02                                                               |  | SHEET NO.<br>1 OF 2                                                                                                              |  |
| 1 PLACE ± 0.15 ± ---                     |  | APPROVED BY<br>CBO                                         |                        | DATE<br>00/02/02                                                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
| ANGULAR ± 1 °                            |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                        |                                                                                |  |                                                                                                                                  |  |

ENCOMBREMENT PORTE-CLIPS D.V. POSITION MONTAGE CLIP  
FEMALE MODULE LAYOUT SECONDARY LOCKING POSITION FOR CLIP ASSEMBLY

PORTE-CLIPS SORTIE DROITE  
FEMALE MODULE RIGHT WIRE OUTPUT

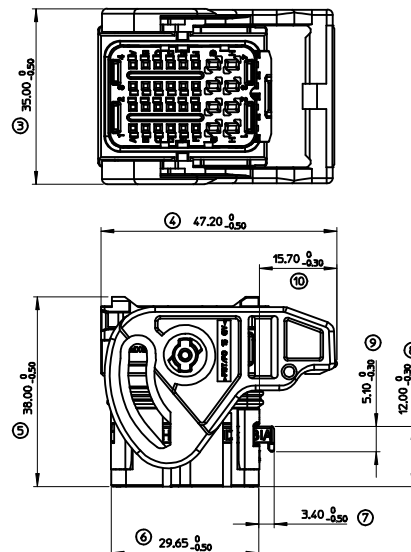


PORTE-CLIPS SORTIE GAUCHE  
FEMALE MODULE LEFT WIRE OUTPUT

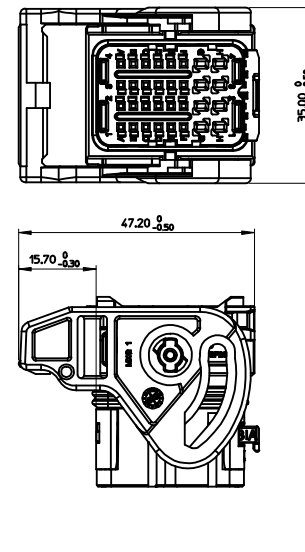


ENCOMBREMENT PORTE-CLIPS D.V. POSITION LIVRAISON  
FEMALE MODULE LAYOUT SECONDARY LOCKING IN DELIVERY POSITION

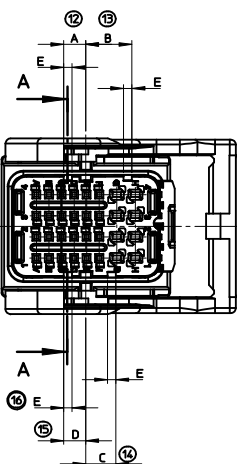
PORTE-CLIPS SORTIE DROITE  
FEMALE MODULE RIGHT WIRE OUTPUT



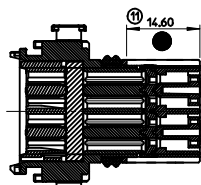
PORTE-CLIPS SORTIE GAUCHE  
FEMALE MODULE LEFT WIRE OUTPUT



POSITION DES DETROMPAGE  
CODING POSITION



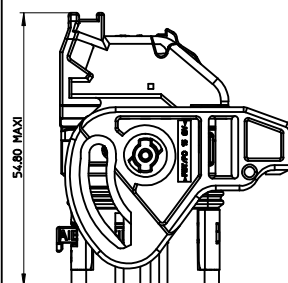
| COULEUR/COLOUR | DETROMPAGE/CODING | A $+0.10$<br>0 | B $+0.10$<br>0 | C $+0.10$<br>0 | D $+0.10$<br>0 | E $+0.10$<br>0 |
|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| NOIR/BLACK     | 1                 | 4.40           | 9.15           | 5.95           | 4.40           | 1.65           |
| GRIS/GREY      | 2                 | 5.95           | 7.60           | 9.15           | 5.95           | 1.65           |
| MARRON/BROWN   | 3                 | 7.60           | 5.95           | 9.15           | 9.15           | 1.65           |
| VERT/GREEN     | 4                 | 9.15           | 7.60           | 4.40           | 4.40           | 1.65           |
| BLEU/BLUE      | 5                 | 7.60           | 4.40           | 5.95           | 5.95           | 1.65           |



SECTION A-A  
(LEVER NON REPRESENTÉ)  
(LEVER NOT SHOWN)

|                                                                                                                                                                                                                                                         |                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>INDICATION DIMENSIONS S.P.C DENOTES S.P.C DIMENSIONS</li> <li>INDICATION DIMENSIONS CRITIQUES DENOTES CRITICAL DIMENSIONS</li> <li>INDICATION DIMENSIONS FONCTIONNELLES DENOTES FUNCTIONAL DIMENSIONS</li> </ul> | <ul style="list-style-type: none"> <li>QUANTITE PAR FEUILLE INDIVIDUELLE QUANTITY PER INDIVIDUAL SHEET</li> <li>0 0 1</li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|

ENCOMBREMENT HORS-TOUT  
OVERALL DIMENSION



CONTACTS  
FEMALE TERMINAL

| REPERE ALVEOLES<br>CAVITIES NUMBER       | CONTACTS<br>FEMALE TERMINAL   | REF. MOLEX<br>MOLEX P/N  | DIAMETRE ISOLANT FIL MINI / MAXI<br>MIN / MAX WIRE INSULATION DIAMETER |
|------------------------------------------|-------------------------------|--------------------------|------------------------------------------------------------------------|
| A1 à F1<br>A2 à F2<br>A3 à F3<br>A4 à F4 | CLIP 0,63 (0.35mm2 à 0.60mm2) | 0986581211<br>0986581213 | Ø125 min / Ø190 max                                                    |
|                                          | CLIP 0,63 (0.75mm2)           | 0986581212               | Ø160 min / Ø190 max                                                    |
| G1 à G4<br>H1 à H4                       | CLIP 15 (0.5mm2 à 1mm2)       | 0989151029               | Ø140 min / Ø215 max                                                    |
|                                          | CLIP 15 (> 1mm2 à 2mm2)       | 0989151039               | Ø225 min / Ø265 max                                                    |

EC NO: G2009-0313  
DRW: PGRANDCLZ09/06/18  
CHKD: PDECHELEZ09/06/18  
APPR: CBOUCHANZ09/06/18  
C2

REV DESCRIPTION

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|               | mm     | INCH  |
|---------------|--------|-------|
| 4 PLACES      | ± ---  | ± --- |
| 3 PLACES      | ± ---  | ± --- |
| 2 PLACES      | ± 0.10 | ± --- |
| 1 PLACE       | ± 0.15 | ± --- |
| ANGULAR ± 1 ° |        |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

SCALE 2:1  
DESIGN UNITS METRIC  
DIMENSION STYLE MM ONLY  
DRAWN BY PGR DATE 99/12/12  
CHECKED BY PDE DATE 00/02/02  
APPROVED BY CBO DATE 00/02/02

FIRST ANGLE PROJECTION  
REVISE ON CAD ONLY  
TITLE PORTE-CLIPS 32 VOIES CMC  
FEMALE MODULE CMC 32 WAY  
SALES DRAWING  
molex MOLEX INCORPORATED  
MATERIAL NO. SEE CHART  
DOCUMENT NO. SD-98944-010  
SHEET NO. 2 OF 2  
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