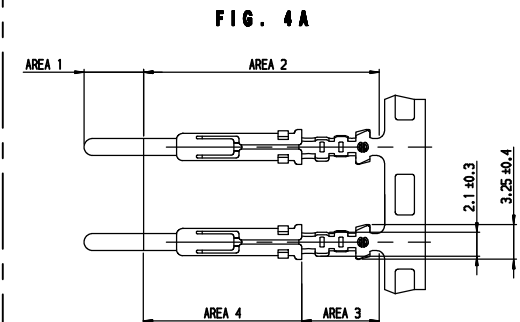
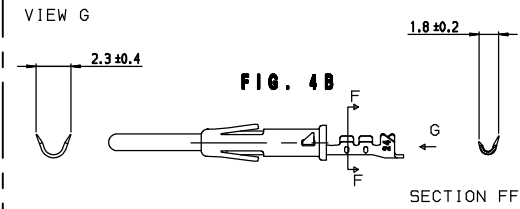
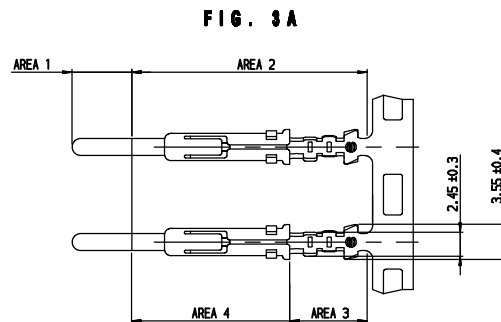
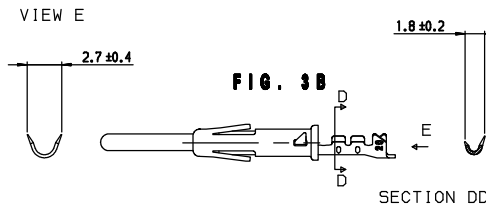
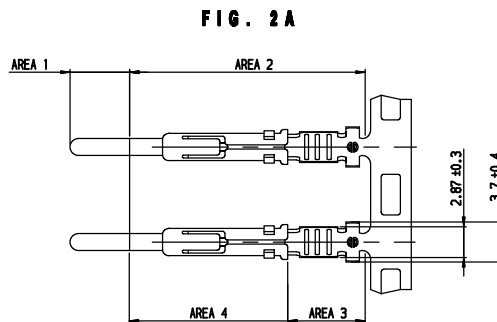
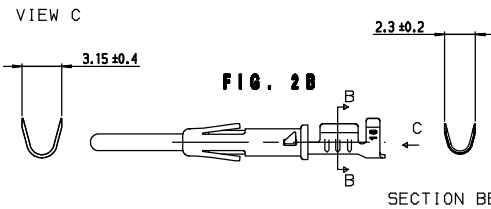
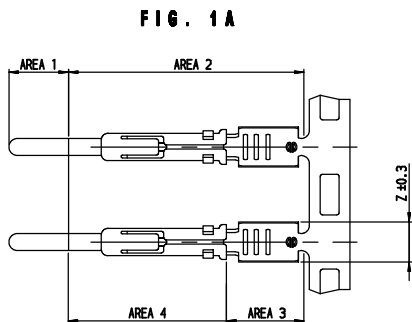
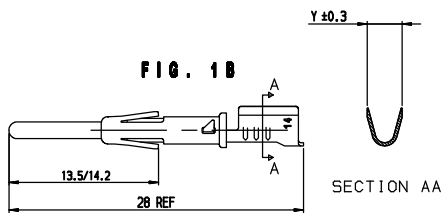
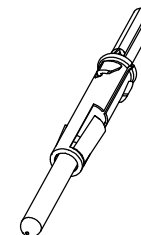




| MALE CONTACT<br>CAT. N° | FIG. | Z    | Y   | WIRE SIZE<br>AWG | MM <sup>2</sup> | WIRE INSUL.<br>DIAM. IN MM. | WIRE STRIP<br>LENGTH<br>IN MM. | HAND CRIMP TOOLING<br>DIE SET | HANDTOOL FOR<br>LOOSE PIECE | EXTRACTION TOOL |
|-------------------------|------|------|-----|------------------|-----------------|-----------------------------|--------------------------------|-------------------------------|-----------------------------|-----------------|
| SM24M1* / SM24M1*REV    | 4A   |      |     | 26/24            | 0.12/0.25       | 0.90/1.60                   | 4.0                            | S16SCM20                      | HANDLES                     | RX20256E1       |
| SM24ML1*                | 4B   |      |     |                  |                 |                             |                                |                               |                             |                 |
| SM20M1* / SM20M1*REV    | 3A   |      |     | 22/20            | 0.32/0.50       | 1.20/2.10                   | 4.0                            | S16SCM20                      | HANDLES                     |                 |
| SM20ML1*                | 3B   |      |     |                  |                 |                             |                                |                               |                             |                 |
| SM16M11* / SM16M11*REV  | 2A   |      |     | 18/16            | 0.82/1.50       | 3.0 Max                     | 4.65                           | S16SCML11                     | HANDLES                     |                 |
| SM16ML11*               | 2B   |      |     |                  |                 |                             |                                |                               |                             |                 |
| SM16M1* / SM16M1*REV    | 1A   | 2.87 | 2.3 | 18/16            | 0.82/1.50       | 3.2 Max                     | 6.35                           | S16SCML1                      | HANDLES                     |                 |
| SM16ML1*                | 1B   |      |     |                  |                 |                             |                                |                               |                             |                 |
| SM14M1* / SM14M1*REV    | 1A   | 3.3  | 3.3 | 14               | 2.10/2.50       | 3.2 Max                     | 6.35                           | S16SCML1                      | HANDLES                     |                 |
| SM14ML1*                | 1B   |      |     |                  |                 |                             |                                |                               |                             |                 |



\* PLATING

|                                   |               |                           |
|-----------------------------------|---------------|---------------------------|
| S6 = 0.75 μ GOLD MIN. OVER NI     | ( AREA 1 )    |                           |
| GOLD FLASH OVER NI                | ( AREA 2 )    |                           |
| D70 = 0.13 μ GOLD MIN. OVER NI    | ( AREA 1 )    | For standard winding      |
| GOLD FLASH OVER NI                | ( AREA 2 )    |                           |
| TK6 = 0.5-2.5 μ Sn PRE-PLATED     | ( AREA 1+ 2 ) |                           |
| S18 = 0.75 μ GOLD MIN OVER NI     | ( AREA 1 )    |                           |
| 1,3 μ MINI Sn OVER NI             | ( AREA 3 )    |                           |
| 1,3 μ MINI NI                     | ( AREA 4 )    |                           |
| S31 = GOLD FLASH OVER NI          | ( AREA 1 )    | For standard winding only |
| 1,3 μ MINI Sn OVER NI             | ( AREA 3 )    |                           |
| 1,3 μ MINI NI                     | ( AREA 4 )    |                           |
| D70REV = 0.13 μ GOLD MIN. OVER NI | ( AREA 1 )    |                           |
| 1,3 μ MINI Sn OVER NI             | ( AREA 3 )    | For reverse winding       |
| 1,3 μ MINI NI                     | ( AREA 4 )    |                           |

SEE  
FIG.1B-2B-3B-4B

SEE  
FIG.1B-2B-3B-4B

#### CONSTRUCTION

CONTACT BODY : HIGH CONDUCTIVITY COPPER ALLOY.  
OUTER SPRING : STAINLESS STEEL.

PACKING CONTACTS ON STANDARD STRIP : 3000 PCS. PER REEL, E.G. SM16M11\*  
PACKING CONTACTS ON REVERSE STRIP : 3000 PCS. PER REEL, E.G. SM16M11\*REV  
FOR WINDING DIRECTION ON REEL ( STANDARD OR REVERSE ) : SEE BS.C.202338.003

PACKING LOOSE PIECE CONTACTS : 100 PCS PER STD. PACKING. E.G. SM16ML11\*

#### CONNECTOR ACCOMMODATION

THESE CONTACTS CAN BE USED IN ANY CONTACT POSITION IN ANY CONNECTOR IN THE TRIM TRIO  
INTERCONNECTION SYSTEM : MSM - MSG - MB RECTANGULAR CONN. , SMS QIKMATE CONN. ,  
UTO - UTS - UTL - UTG AND UTP - MBG CIRCULAR CONN.

#### PERFORMANCE CHARACTERISTICS

CURRENT RATING : 13 A  
CONTACT RESISTANCE : ≤ 6 m Ohm  
OPERATING VOLTAGE : 750 V RMS  
CONTACT RETENTION IN BODY : 65 N MIN.  
INDIVIDUAL INSERTION FORCE : 3,5 N MAX.  
INDIVIDUAL WITHDRAWAL FORCE : 0,55 N MIN.

#### CUSTOMER DRAWING

|                                                   |                      |                                                              |         |                                                                  |                        |  |
|---------------------------------------------------|----------------------|--------------------------------------------------------------|---------|------------------------------------------------------------------|------------------------|--|
| C 18/02/13                                        |                      | UPDATE HAND CRIMP TOOLING<br>ADD DETAIL FOR EACH P/N SM-ML-8 |         | BOUILLARD                                                        | LENER                  |  |
| INGE                                              | DATE                 | LIBELLE                                                      |         | EMIS PAR                                                         | CONTROLE PAR (NOUVEAU) |  |
| DEFINI PAR : R. Vorbeek                           |                      | LE: 11-06-86                                                 |         | TYPE DE PLAN: CUSTOMER DRAWING                                   |                        |  |
| VERIFIE PAR : -                                   |                      | LE: -                                                        |         |                                                                  |                        |  |
| LES COTES S'ENTENDENT AVANT PROTECTION / FINITION |                      |                                                              |         |                                                                  |                        |  |
| DENOMINATION: MALE FORMED TWO PIECE CONTACT       |                      |                                                              |         |                                                                  |                        |  |
| SM-M---                                           |                      |                                                              |         |                                                                  |                        |  |
| ECHELLE                                           | TOLERANCES GENERALES | MATIERE: -                                                   | N°: -   |                                                                  |                        |  |
| 1/1                                               | ANGULAIRES: ± 0°     | PROTECTION: -                                                | CODE: - |                                                                  |                        |  |
| LINEAIRES: ± 0.1                                  |                      | DEFIANT DE GEOMETRIE<br>VOIR NF E 04-502                     |         | REFERENCE MATERIEL                                               | AFFAIRE<br>TT          |  |
| SOUDEMENT                                         |                      | GEOMETRIE                                                    |         | GEOMETRIE                                                        |                        |  |
| SOURIAU                                           |                      | www.souriau.com                                              |         | IL NE PEUT ETRE REPRODUIT OU<br>COMMUNIQUE SANS SON AUTORISATION |                        |  |
| FORMAT                                            | REFERENCE PLAN       |                                                              | FOLIO   |                                                                  |                        |  |
| A1                                                | BS-C-200178-001      |                                                              | 1/1     |                                                                  |                        |  |

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[SM16M1D70](#) [SM20M1S31](#) [SM24M1S6REV](#) [SM20M1D70REV](#) [SM20M1D70](#) [SM16ML11S18](#) [SM24M1D70](#)  
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[SM14ML1D70](#)