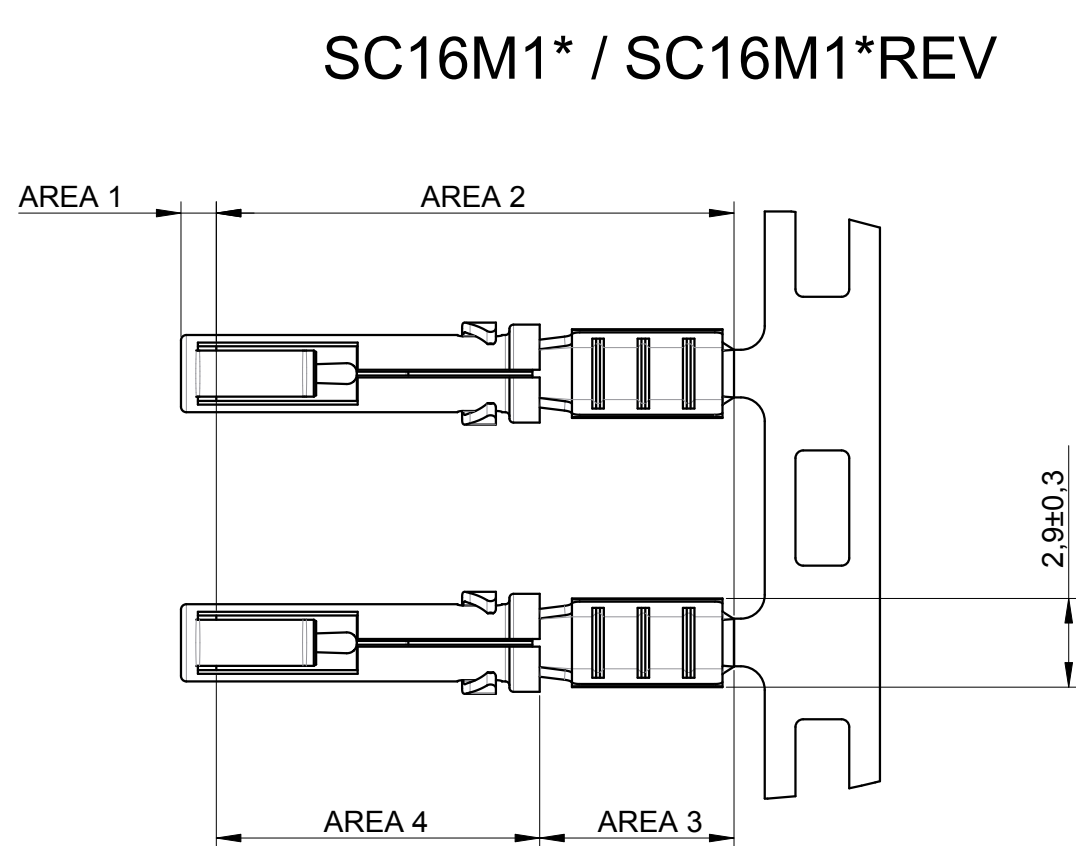
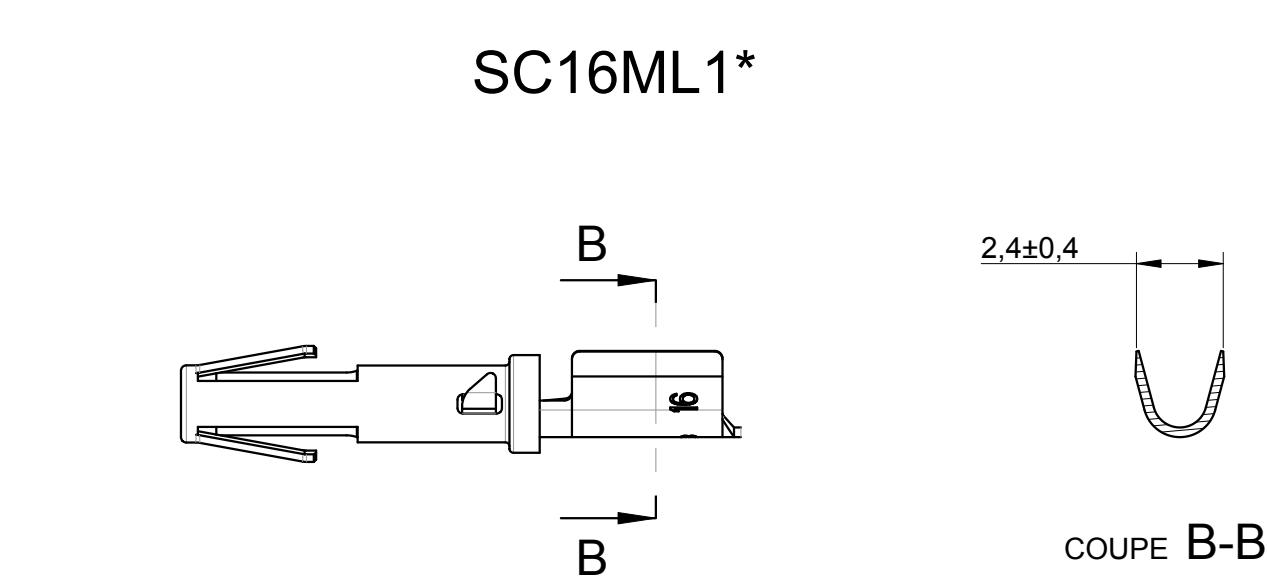
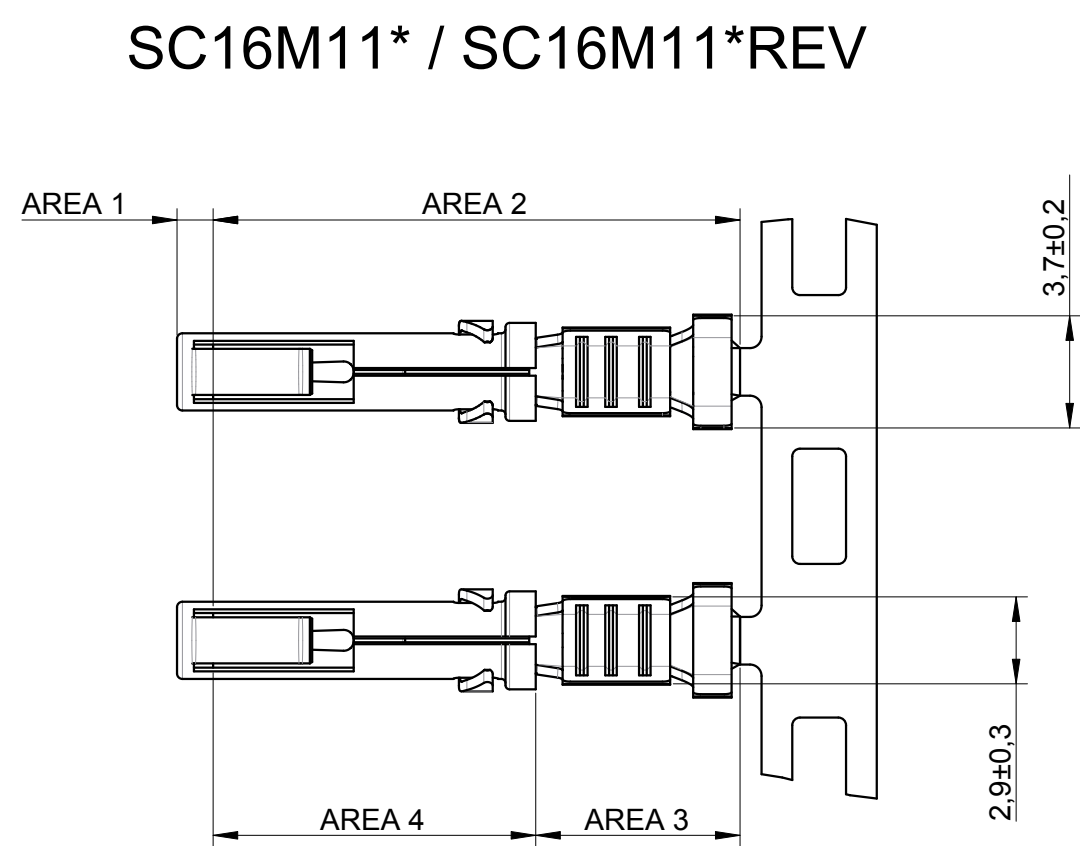
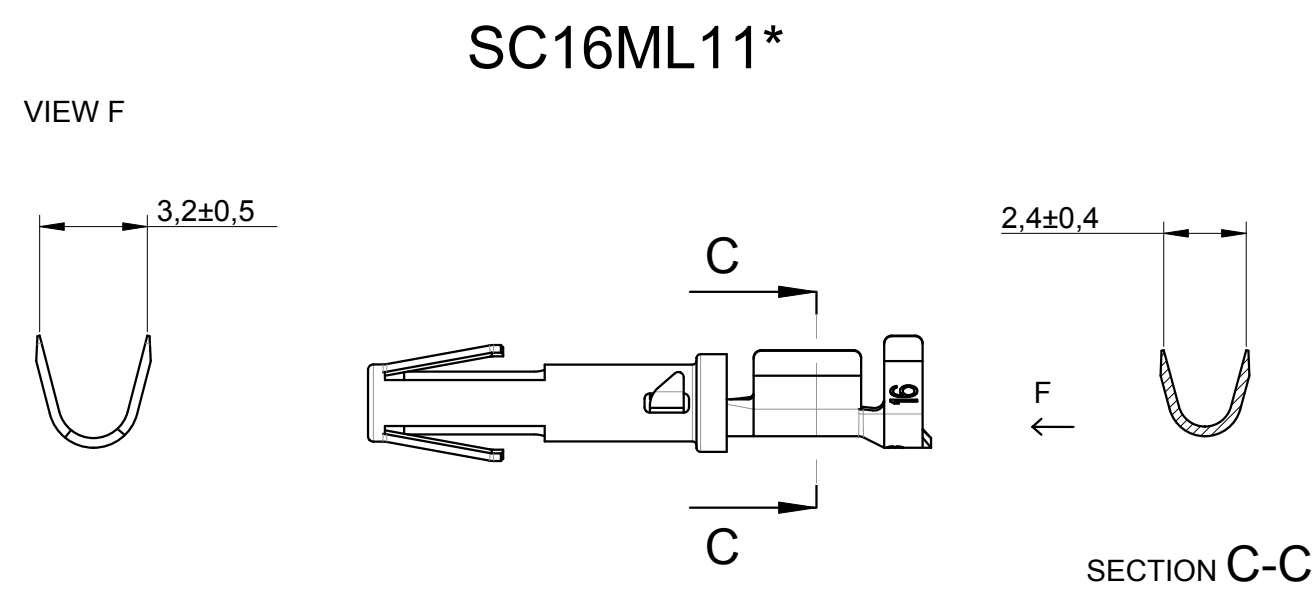
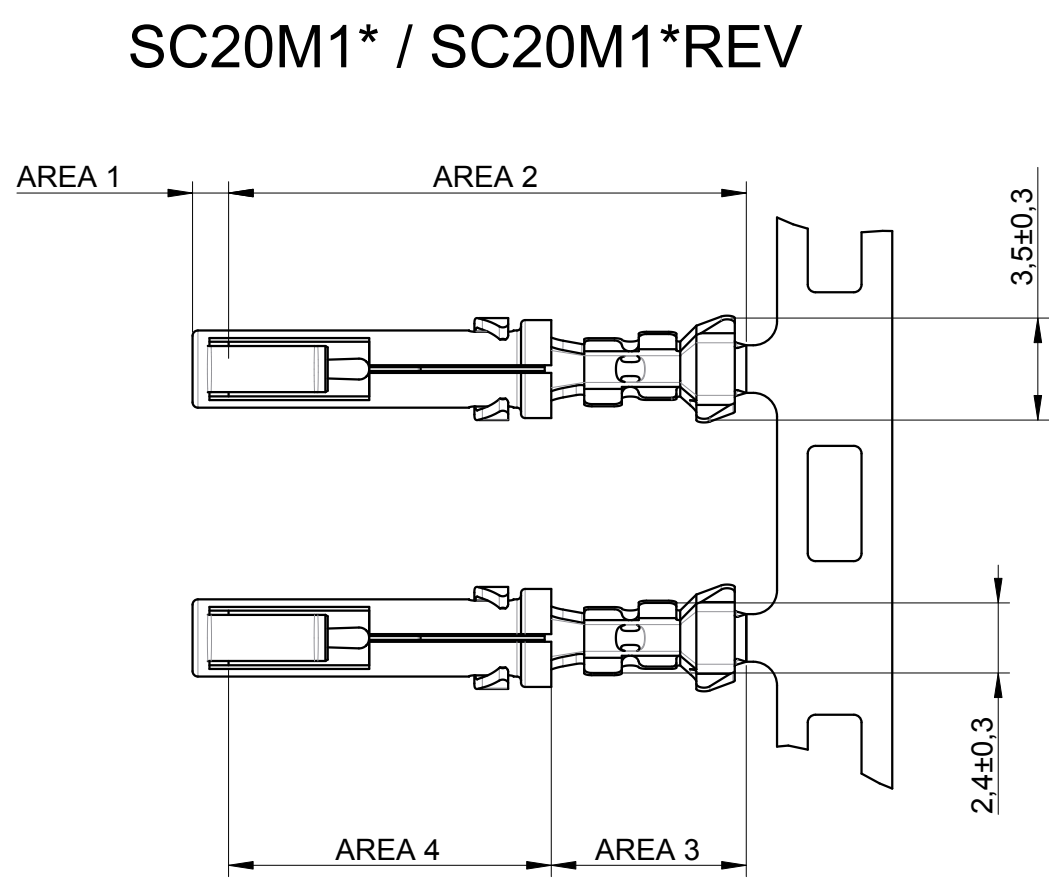
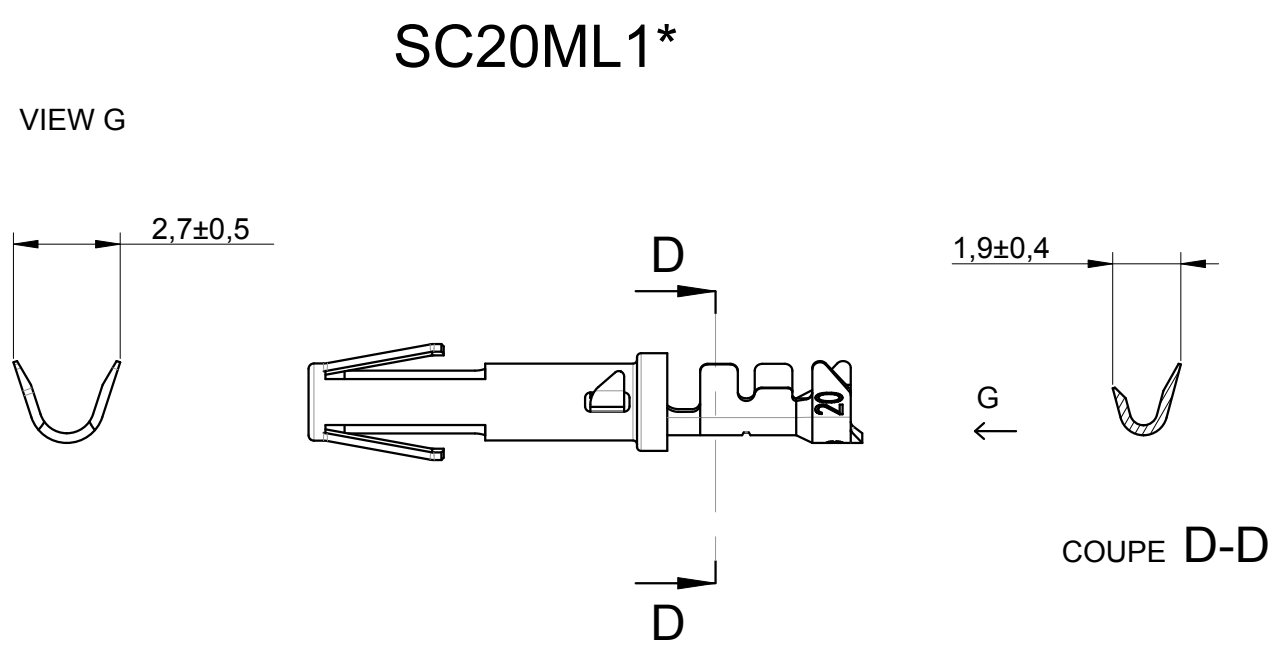
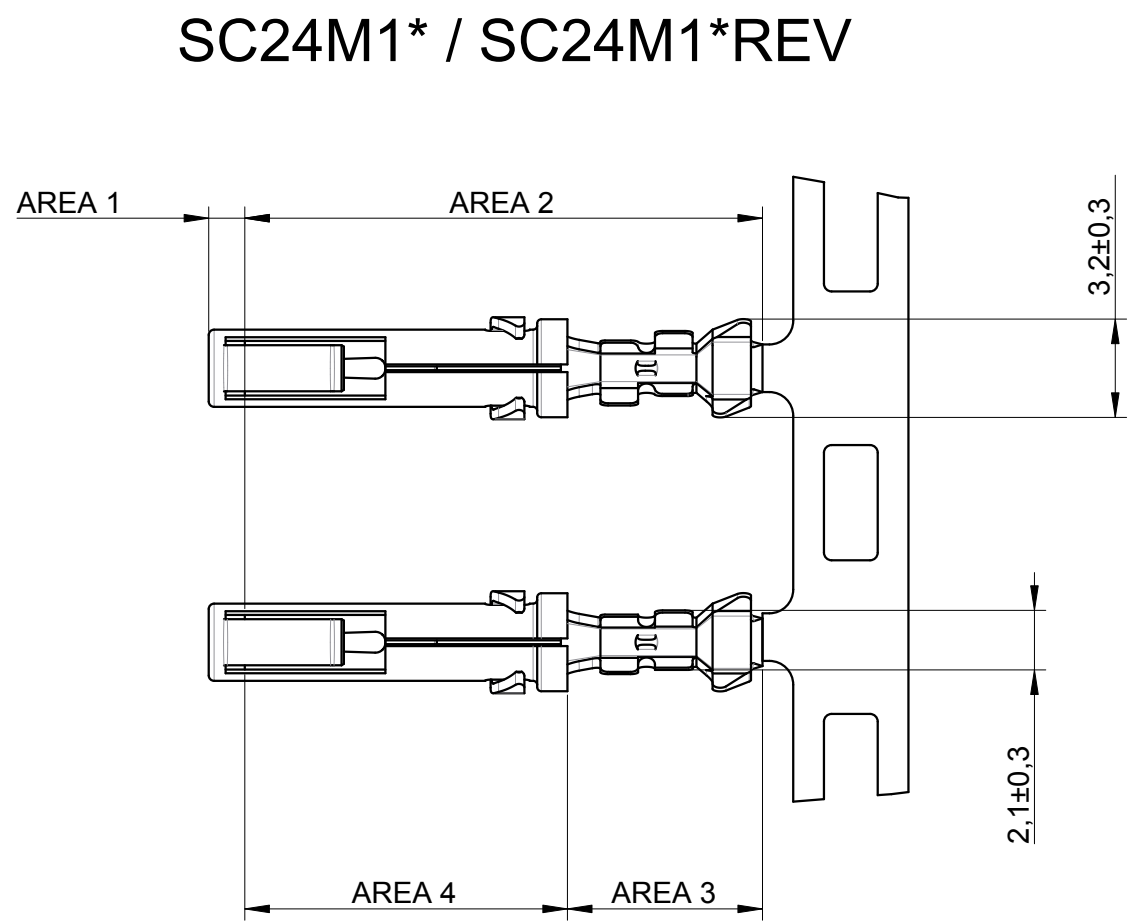
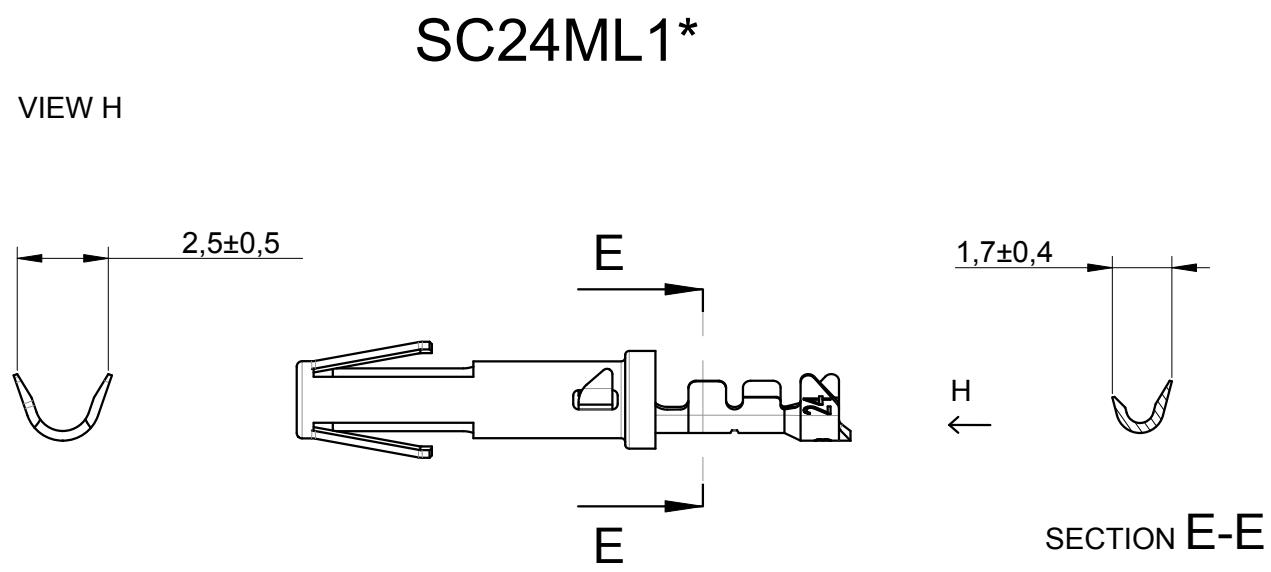




| FEMALE CONTACT<br>CAT. N° | Packaging                    | WIRE SIZE |           | WIRE INSUL.<br>DIAM. IN MM. | WIRE STRIP<br>LENGTH<br>IN MM. | HAND CRIMP TOOLING |                             | EXTRACTION<br>TOOL |
|---------------------------|------------------------------|-----------|-----------|-----------------------------|--------------------------------|--------------------|-----------------------------|--------------------|
|                           |                              | AWG       | MM²       |                             |                                | DIE SET            | HANDTOOL FOR<br>LOOSE PIECE |                    |
| SC24ML1*                  | Loose contacts in platic bag | 26/24     | 0.12/0.25 | 0.90/1.60                   | 4.0                            | S16SCM20           | SHANDLES                    | RX2025GE1          |
| SC24M1* / SC24M1*REV      | Strip contacts on reel       |           |           |                             |                                |                    |                             |                    |
| SC20ML1*                  | Loose contacts in platic bag | 22/20     | 0.32/0.50 | 1.20/2.10                   | 4.0                            | S16SCM20           | SHANDLES                    |                    |
| SC20M1* / SC20M1*REV      | Strip contacts on reel       |           |           |                             |                                |                    |                             |                    |
| SC16ML11*                 | Loose contacts in platic bag | 18/16     | 0.82/1.50 | 3.0 Max                     | 4.65                           | S16SCML11          | SHANDLES                    |                    |
| SC16M11* / SC16M11*REV    | Strip contacts on reel       |           |           |                             |                                |                    |                             |                    |
| SC16ML1*                  | Loose contacts in platic bag | 18/16     | 0.82/1.50 | 3.2 Max                     | 6.35                           | S16SCML1           | SHANDLES                    |                    |
| SC16M1* / SC16M1*REV      | Strip contacts on reel       |           |           |                             |                                |                    |                             |                    |
| SC14ML1*                  | Loose contacts in platic bag | 14        | 2.10/2.50 | 3.2 Max                     | 6.35                           | S16SCML1           | SHANDLES                    |                    |
| SC14M1* / SC14M1*REV      | Strip contacts on reel       |           |           |                             |                                |                    |                             |                    |

\* PLATING

|                                                                            |                                  |                              |             |
|----------------------------------------------------------------------------|----------------------------------|------------------------------|-------------|
| - S6 = 0.75µ GOLD MIN. OVER Ni<br>GOLD FLASH OVER Ni                       | (AREA 1)<br>(AREA 2)             | For standard<br>winding      | See<br>View |
| - D70 = 0.13µ GOLD MIN. OVER Ni<br>GOLD FLASH OVER Ni                      | (AREA 1)<br>(AREA 2)             |                              |             |
| - TK6 = 0.5-2.5µ Sn PRE-PLATED                                             | (AREA 1+2)                       |                              |             |
| - S18 = 0.75µ GOLD MIN OVER Ni<br>1.3µ MINI Sn OVER Ni<br>1.3µ MINI Ni     | (AREA 1)<br>(AREA 3)<br>(AREA 4) | For standard<br>winding only | See<br>View |
| - S31 = GOLD FLASH OVER Ni<br>1.3µ MINI Sn OVER Ni<br>1.3µ MINI Ni         | (AREA 1)<br>(AREA 3)<br>(AREA 4) |                              |             |
| - D70REV = 0.13µ GOLD MIN. OVER Ni<br>1.3µ MINI Sn OVER Ni<br>1.3µ MINI Ni | (AREA 1)<br>(AREA 3)<br>(AREA 4) | For reverse<br>winding only  |             |

CONSTRUCTION :

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

PACKING CONTACTS ON STANDARD STRIP : 3000 PCS. PER REEL, E.G. SC16M11\*  
PACKING CONTACTS ON REVERSE STRIP : 3000 PCS. PER REEL, E.G. SC16M11\*REV  
FOR WINDING DIRECTION ON REEL (STANDARD OR REVERSE) : SEE BS.C.200178.004

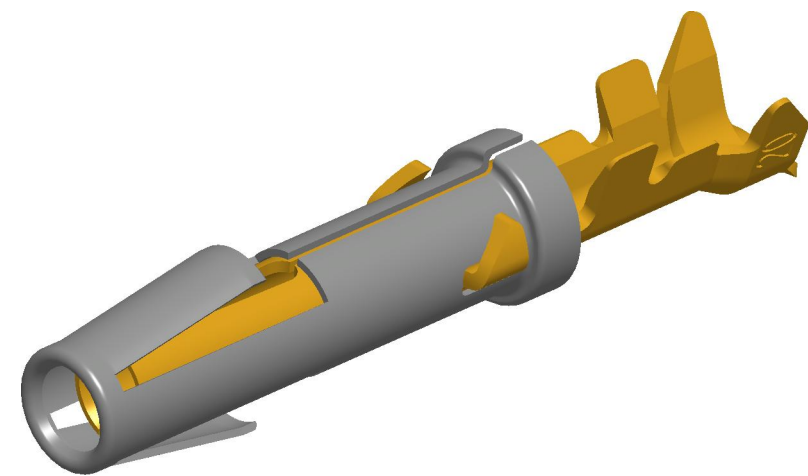
PACKING LOOSE PIECE CONTACTS : 100 PCS PER STD. PACKING E.G. SC16ML11\*

CONNECTOR ACCOMMODATION

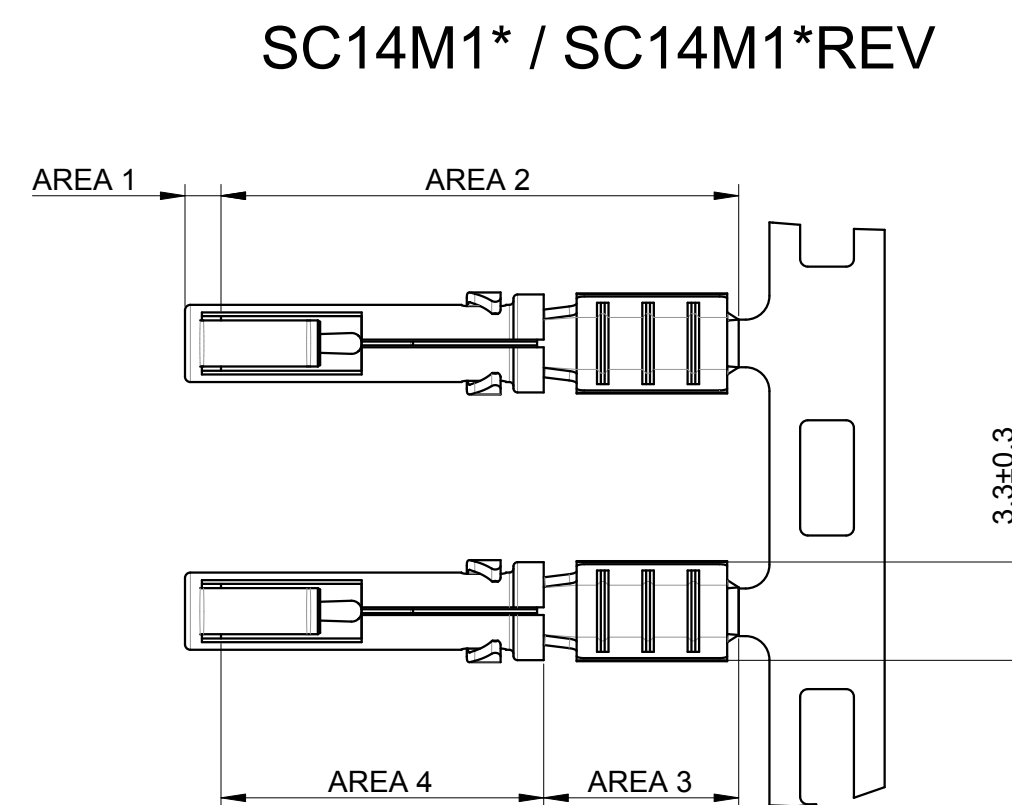
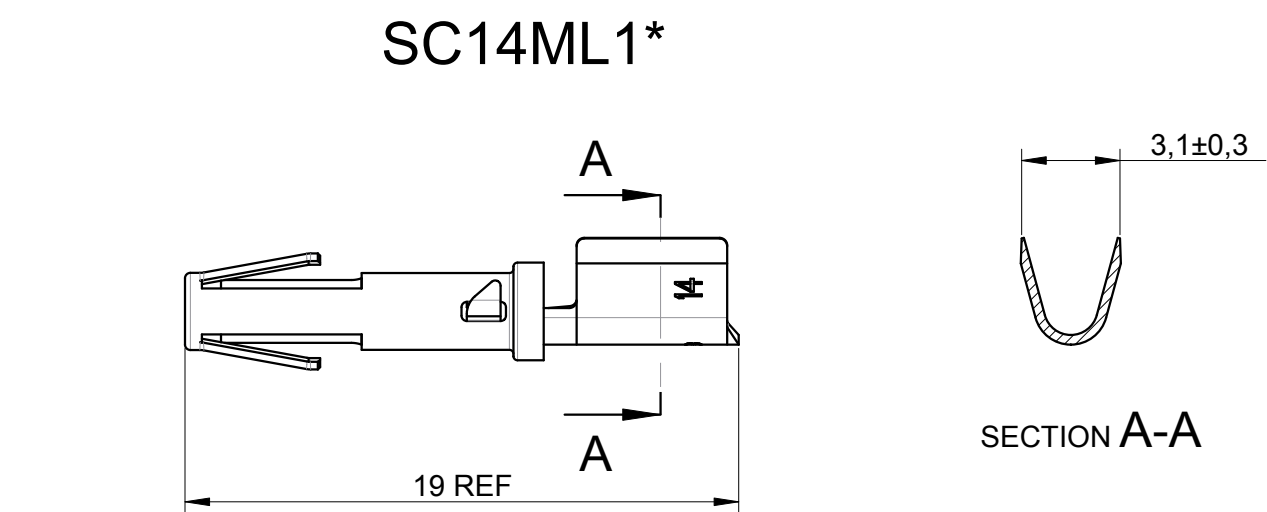
THESE CONTACTS CAN BE USED IN ANY CONTACT POSITION IN ANY CONNECTOR IN THE INTERCONNECTION SYSTEM : MSM - MSG - MB RECTANGULAR CONN. , SMS QIKMATE CONN. , UT0 - UTS - UTL - UTG AND UTP - MBG CIRCULAR CONN.

PERFORMANCE CHARACTERISTICS

CURRENT RATING : 13 A CONTACT RETENTION IN BODY : 65 N MIN.  
CONTACT RESISTANCE : <= 6m Ohm INDIVIDUAL INSERTION FORCE : 3.5 N MAX.  
OPERATING VOLTAGE : 750 V RMS INDIVIDUAL WITHDRAWAL FORCE : 0.55 N MIN.



ECHELLE 7/1



|                                            |             |                                                              |                                                                                                                |
|--------------------------------------------|-------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| B                                          | 05/08/2019  | Update of the dimensions for the "U" shape<br>Update drawing |                                                                                                                |
| ISS                                        | DATE        | Latest modification - by:                                    | MOD N°                                                                                                         |
| Designed by:                               | COURTOIS L. | Date:                                                        | 03/04/2019                                                                                                     |
| CUSTOMER DRAWING                           |             |                                                              |                                                                                                                |
| TITLE                                      |             |                                                              |                                                                                                                |
| FEMALE FORMED TWO PIECE CONTACT<br>SC-M--- |             |                                                              |                                                                                                                |
| Scale                                      | 4/1         | Dimensions in mm<br>General linear<br>Tolerances:<br>± --    | NPRDS / PROJECT<br>TRIM TRIO                                                                                   |
| SOURIAU<br>Connection Technologies         |             | www.estertime-connection-technologies.com                    | This document is the property of<br>SOURIAU<br>It must not be reproduced or<br>communicated without permission |
| FORMAT                                     | A1          | SOURIAU DRG N°<br>BS-C-200178-002                            |                                                                                                                |
|                                            |             | SHEET                                                        | 1 / 1                                                                                                          |