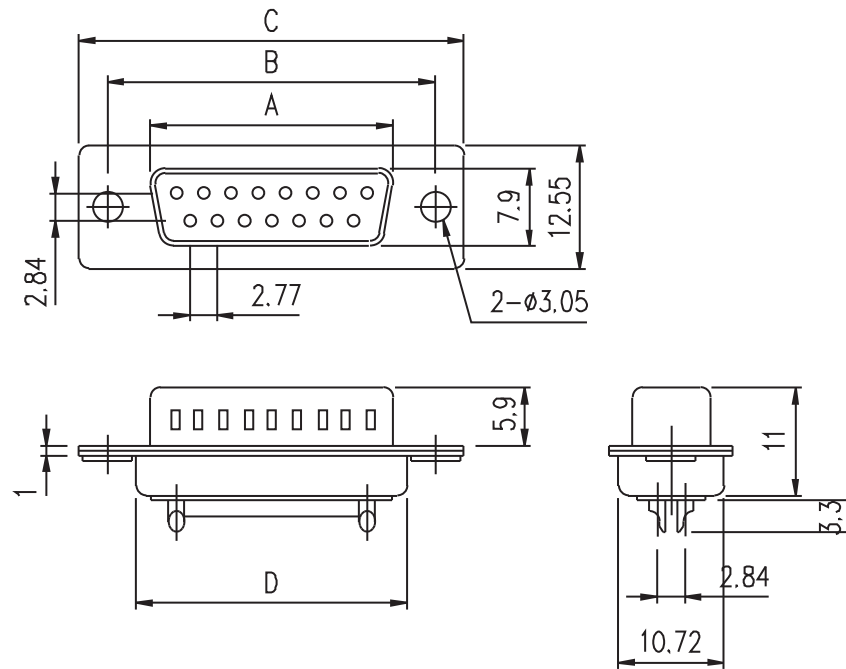




#### DIMENSION(mm)

| CONTACTS | A     | B     | C     | D     |
|----------|-------|-------|-------|-------|
| 9        | 16.92 | 24.99 | 30.81 | 19.28 |
| 15       | 25.25 | 33.32 | 39.14 | 27.51 |
| 25       | 38.96 | 47.04 | 53.04 | 41.30 |
| 37       | 55.42 | 63.50 | 69.32 | 57.71 |
| 50       | 52.86 | 61.11 | 66.92 | 55.30 |

#### ELECTRICAL:

CURRENT RATING: 5A

CONTACT RESISTANCE: < 10 milliohms

INSULATOR RESISTANCE: > 1000 Megaohms

DIELECTRIC WITHSTANDING VOLTAGE: 1000VAC FOR 1 M.N.

OPERATING TEMPERATURE: -55° C TO +105° C

INSULATOR: PBT & 30% GLASS FIBER (UL94V-0)

#### HOW TO ORDER:

|                                                  |                                                    |                                                                     |                                                              |                                                                                                                                           |                                                                            |
|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>CONTACT TYPE:</b><br>4 - MALE (SCREW MACHINE) | <b>NUMBER OF CONTACTS:</b><br>09<br>15<br>37<br>50 | <b>CONTACT MATERIAL:</b><br>0 - COPPER ALLOY<br>1 - PHOSPHOR BRONZE | <b>SHELL PLATING:</b><br>1 - TIN PLATED<br>4 - NICKEL PLATED | <b>PLATING OVERALL:</b><br>0 - FULL Au FLASH<br>4 - 10u" Au<br>5 - 15u" Au<br>7 - 30u" Au<br>8 - FULL TIN                                 | <b>INSULATOR COLOR:</b><br>1 - BLACK<br>2 - WHITE<br>3 - GREEN<br>4 - BLUE |
|                                                  |                                                    |                                                                     |                                                              | <b>SELECTIVE PLATING:</b><br>1 - Au FLASH CONTACT AREA/TIN TAIL<br>9 - 15u" Au CONTACT AREA/TIN TAIL<br>A - 30u" Au CONTACT AREA/TIN TAIL |                                                                            |
|                                                  |                                                    |                                                                     |                                                              | <b>MOUNTING OPTION:</b><br>SEE PAGE 2                                                                                                     |                                                                            |

RoHS  
COMPLIANT

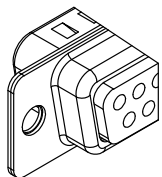
| Rev                                                                                           |        | Drawn | Checked | Approved | Date     | <b>SMP TECHNOLOGY, INC.</b><br><br>D-Sub Connector, Screw Machine, Male Solder Cup Contact<br><br><br>P/N: A014-XXXX-00XX-Z<br><br><br>Pg: 1 of 2 |
|-----------------------------------------------------------------------------------------------|--------|-------|---------|----------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 0                                                                                             | Issued | B.S.  | S.M.    | S.M.     | 06/04/09 |                                                                                                                                                   |
|                                                                                               |        |       |         |          |          |                                                                                                                                                   |
|                                                                                               |        |       |         |          |          |                                                                                                                                                   |
|                                                                                               |        |       |         |          |          |                                                                                                                                                   |
| TOL. DEC.      .X +/-0.25      .XX +/- 0.10      .XXX +/- 0.05      ANGLE +/-2°      UNIT: mm |        |       |         |          |          |                                                                                                                                                   |

# MOUNTING OPTIONS

## A01X SERIES

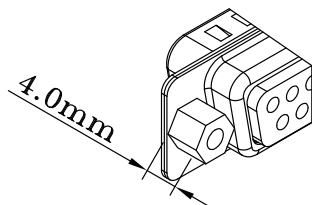
### MOUNTING OPTION 10

3.05 MM DIAMETER NON-  
THREADED MOUNTING HOLE



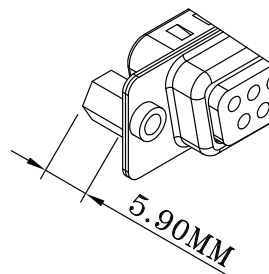
### MOUNTING OPTION 11 :

RIVETED 4-40 UNC SCREW LOCK ON  
BACK SIDE OF SHELL



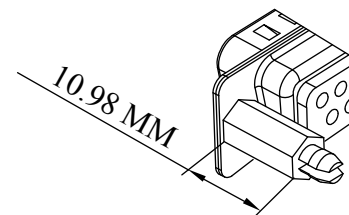
### MOUNTING OPTION 12 :

RIVETED 4-40 UNC SCREW LOCK ON  
FRONT SIDE OF SHELL



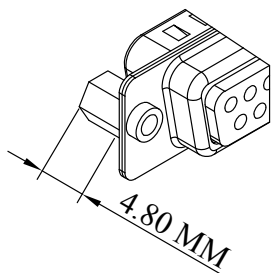
### MOUNTING OPTION 13:

RIVETED 10.98 mm 4-40 UNC SCREW  
LOCK ON BACK SIDE OF SHELL



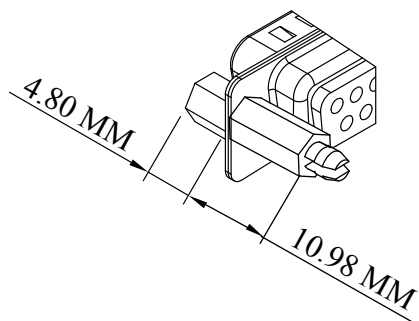
### MOUNTING OPTION 14 :

4.8 mm RIVETED 4-40 SCREW LOCK  
ON FRONT SIDE OF SHELL



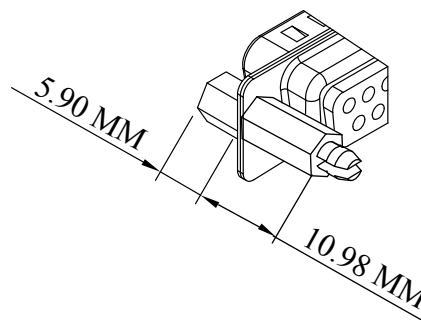
### MOUNTING OPTION 15 :

RIVETED 10.98 mm 4-40 UNC SCREW  
LOCK ON BACK SIDE OF SHELL; 4.80 mm  
UNC SCREWLOCK ATTACHED TO FRONT  
SIDE OF SHELL



### MOUNTING OPTION 18 :

RIVETED 10.98 mm 4-40 UNC SCREW  
LOCK ON BACK SIDE OF SHELL; 5.90 mm  
(L) 4-40 UNC SCREWLOCK ATTACHED TO  
FRONT SIDE OF SHELL



### MOUNTING OPTION 19 :

RIVETED 4-40 UNC SCREWLOCK  
ON BACK SIDE OF SHELL; 5.90 mm(L)  
4-40 UNC SCREWLOCK ATTACHED TO  
FRONT SIDE OF SHELL

