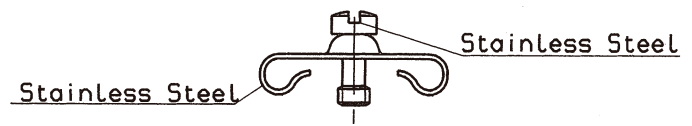
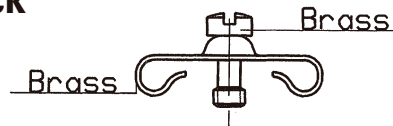


# ESA/SCC 3401 022 & Space grade



## Male screw lock

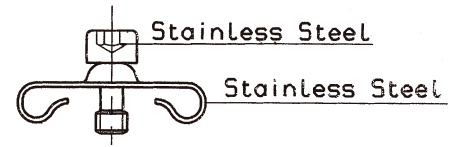
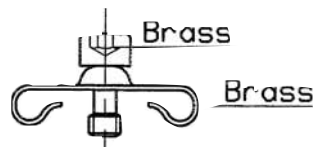


| WITHOUT<br>BACKSHELL | Shell size              | ESA/SCC P/N     | SOURIAU P/N   |
|----------------------|-------------------------|-----------------|---------------|
|                      | B, C : S<br>E, A : P, S | 3401 022 02BNMB | D8949 P102 NM |
|                      | B, C : P                | 3401 022 03BNMB | D8949 P103 NM |
|                      | D : S                   | 3401 022 04BNMB | D8949 P104 NM |
|                      | D : P                   | 3401 022 05BNMB | D8949 P105 NM |

| WITHOUT<br>BACKSHELL | Shell size              | ESA/SCC P/N  | SOURIAU P/N   |
|----------------------|-------------------------|--------------|---------------|
|                      | B, C : S<br>E, A : P, S | 3401 022 49B | D8949 P149 NM |
|                      | B, C : P                | 3401 022 50B | D8949 P150 NM |
|                      | D : S                   | 3401 022 51B | D8949 P151 NM |
|                      | D : P                   | 3401 022 52B | D8949 P152 NM |

| WITH<br>BACKSHELL | B, C : S<br>E, A : P, S | 3401 022 44BNMB | D8949 P144 NM |
|-------------------|-------------------------|-----------------|---------------|
|                   | B, C : P                | 3401 022 45BNMB | D8949 P145 NM |
|                   | D : S                   | 3401 022 45BNMB | D8949 P146 NM |
|                   | D : P                   | 3401 022 47BNMB | D8949 P147 NM |

| WITH<br>BACKSHELL | B, C : S<br>E, A : P, S | 3401 022 54B | D8949 P154 NM |
|-------------------|-------------------------|--------------|---------------|
|                   | B, C : P                | 3401 022 55B | D8949 P155 NM |
|                   | D : S                   | 3401 022 56B | D8949 P156 NM |
|                   | D : P                   | 3401 022 57B | D8949 P157 NM |



| WITHOUT<br>BACKSHELL | Shell size              | ESA/SCC P/N     | SOURIAU P/N   |
|----------------------|-------------------------|-----------------|---------------|
|                      | B, C : S<br>E, A : P, S | 3401 022 65BNMB | D8949 P165 NM |
|                      | B, C : P                | 3401 022 66BNMB | D8949 P166 NM |
|                      | D : S                   | 3401 022 67BNMB | D8949 P167 NM |
|                      | D : P                   | 3401 022 68BNMB | D8949 P168 NM |

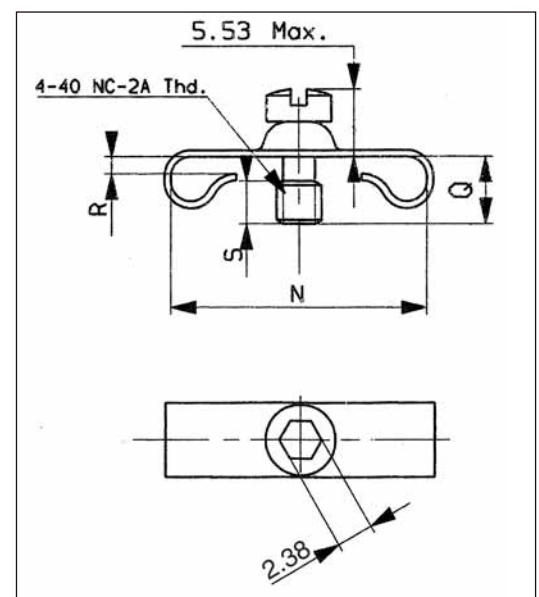
| WITHOUT<br>BACKSHELL | Shell size              | ESA/SCC P/N  | SOURIAU P/N   |
|----------------------|-------------------------|--------------|---------------|
|                      | B, C : S<br>E, A : P, S | 3401 022 73B | D8949 P349 NM |
|                      | B, C : P                | 3401 022 74B | D8949 P350 NM |
|                      | D : S                   | 3401 022 75B | D8949 P351 NM |
|                      | D : P                   | 3401 022 76B | D8949 P352 NM |

| WITH<br>BACKSHELL | B, C : S<br>E, A : P, S | 3401 022 69BNMB | D8949 P265 NM |
|-------------------|-------------------------|-----------------|---------------|
|                   | B, C : P                | 3401 022 70BNMB | D8949 P266 NM |
|                   | D : S                   | 3401 022 71BNMB | D8949 P267 NM |
|                   | D : P                   | 3401 022 72BNMB | D8949 P268 NM |

| WITH<br>BACKSHELL | B, C : S<br>E, A : P, S | 3401 022 77B | D8949 P354 NM |
|-------------------|-------------------------|--------------|---------------|
|                   | B, C : P                | 3401 022 78B | D8949 P355 NM |
|                   | D : S                   | 3401 022 79B | D8949 P356 NM |
|                   | D : P                   | 3401 022 80B | D8949 P357 NM |

## Dimensions (in mm/inch)

| Use with shell size      | N     |       | Q    |      | R    |      | S         |
|--------------------------|-------|-------|------|------|------|------|-----------|
|                          | min   | Max.  | min  | Max. | min  | Max. |           |
| Without backshell        |       |       |      |      |      |      |           |
| A, E : (P or S) B, C : S | 12.96 | 13.72 | 3.22 | 3.98 | 0.75 | 0.95 | 2.80 mini |
| B, C : P                 | 12.96 | 13.72 | 3.22 | 3.98 | 0.95 | 1.15 | 2.80 mini |
| D : S                    | 15.75 | 16.26 | 3.22 | 3.98 | 0.95 | 0.95 | 2.80 mini |
| D : P                    | 15.75 | 16.26 | 3.22 | 3.98 | 0.95 | 1.15 | 2.80 mini |
| With backshell           |       |       |      |      |      |      |           |
| A, E : (P or S) B, C : S | 12.96 | 13.72 | 4.22 | 4.98 | 0.75 | 1.95 | 2.80 mini |
| B, C : P                 | 12.96 | 13.72 | 4.22 | 4.98 | 0.95 | 2.20 | 2.80 mini |
| D : S                    | 15.75 | 16.26 | 4.22 | 4.98 | 0.95 | 1.95 | 2.80 mini |
| D : P                    | 15.75 | 16.26 | 4.22 | 4.98 | 0.95 | 2.20 | 2.80 mini |



# ESA/SCC 3401 022 & Space grade



## Female screw lock

### Part Number

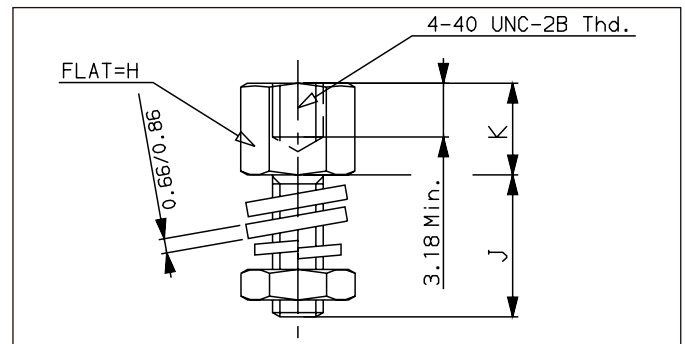
ESA/SCC 3401 022 (Flight models)

NM : Space Grade (Engineering models)

| ESA/SCC P/N |                 | Materials       | SOURIAU P/N |              |
|-------------|-----------------|-----------------|-------------|--------------|
| Standard    | 3401 022 01BNMB | Brass           | Standard    | D8949 S60 NM |
| For savers  | 3401 022 06BNMB |                 | For savers  | D8949 S61 NM |
| Standard    | 3401 022 48B    | Stainless steel | Standard    | D8949 S70 NM |
| For savers  | 3401 022 53B    |                 | For savers  | D8949 S71 NM |

### Dimensions (in mm/inch)

| Variant | H            |              | J             |               | K           |             |
|---------|--------------|--------------|---------------|---------------|-------------|-------------|
|         | min          | Max.         | min           | Max.          | min         | Max.        |
| 01 & 48 | 4,37<br>.172 | 5,13<br>.202 | 7,54<br>.297  | 8,3<br>.327   | 4,6<br>.181 | 5,1<br>.201 |
| 06 & 53 | 4,37<br>.172 | 5,13<br>.202 | 14,35<br>.565 | 14,65<br>.577 | 4,6<br>.181 | 5,1<br>.201 |



## Male screw lock assemblies for lightweight back shell

| Use with shell size<br>with lightweight back shell |                 | ESA/SCC P/N     | SOURIAU P/N   |
|----------------------------------------------------|-----------------|-----------------|---------------|
| E to C : (P or S)                                  | Brass           | 3401 072 01BNMB | D8949 P112 NM |
|                                                    | Stainless steel | 3401 072 03B    | D8949 P114 NM |
| D : (P or S)                                       | Brass           | 3401 072 02BNMB | D8949 P113 NM |
|                                                    | Stainless steel | 3401 072 04B    | D8949 P115 NM |

| Use with shell size<br>with lightweight back shell | N     |       | Q    |      | R    |      | S         |
|----------------------------------------------------|-------|-------|------|------|------|------|-----------|
|                                                    | min   | Max.  | min  | Max. | min  | Max. |           |
| E to C : (P or S)                                  | 12.96 | 13.72 | 4.40 | 5.16 | 2.25 | 2.45 | 2.80 mini |
| E : (P or S)                                       | 15.75 | 16.26 | 4.40 | 5.16 | 2.25 | 2.45 | 2.80 mini |





# ESA/SCC 3401 022 & Space grade

## Dust cap

### Part Number

#### ESA/SCC 3401 022 (Flight models)

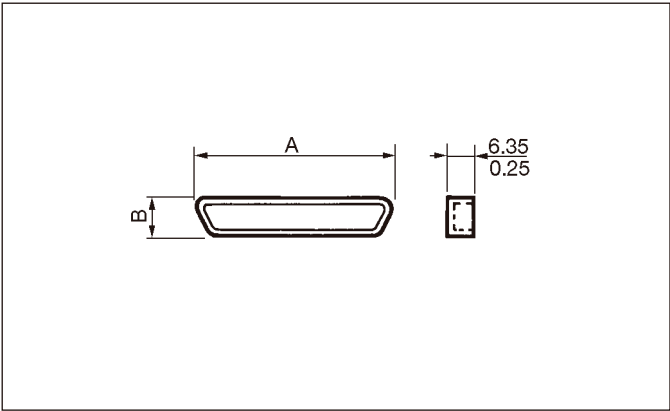
| Shell size | For male connectors | For female connectors |
|------------|---------------------|-----------------------|
| E          | 3401 022 08B        | 3401 022 07B          |
| A          | 3401 022 10B        | 3401 022 09B          |
| B          | 3401 022 12B        | 3401 022 11B          |
| C          | 3401 022 14B        | 3401 022 13B          |
| D          | 3401 022 16B        | 3401 022 15B          |

#### NM : Space Grade (Engineering models)

| Shell size | For male connectors | For female connectors |
|------------|---------------------|-----------------------|
| E          | 70508               | 70513                 |
| A          | 70509               | 70514                 |
| B          | 70510               | 70515                 |
| C          | 70511               | 70516                 |
| D          | 70512               | 70517                 |

### Dimensions (in mm/inch)

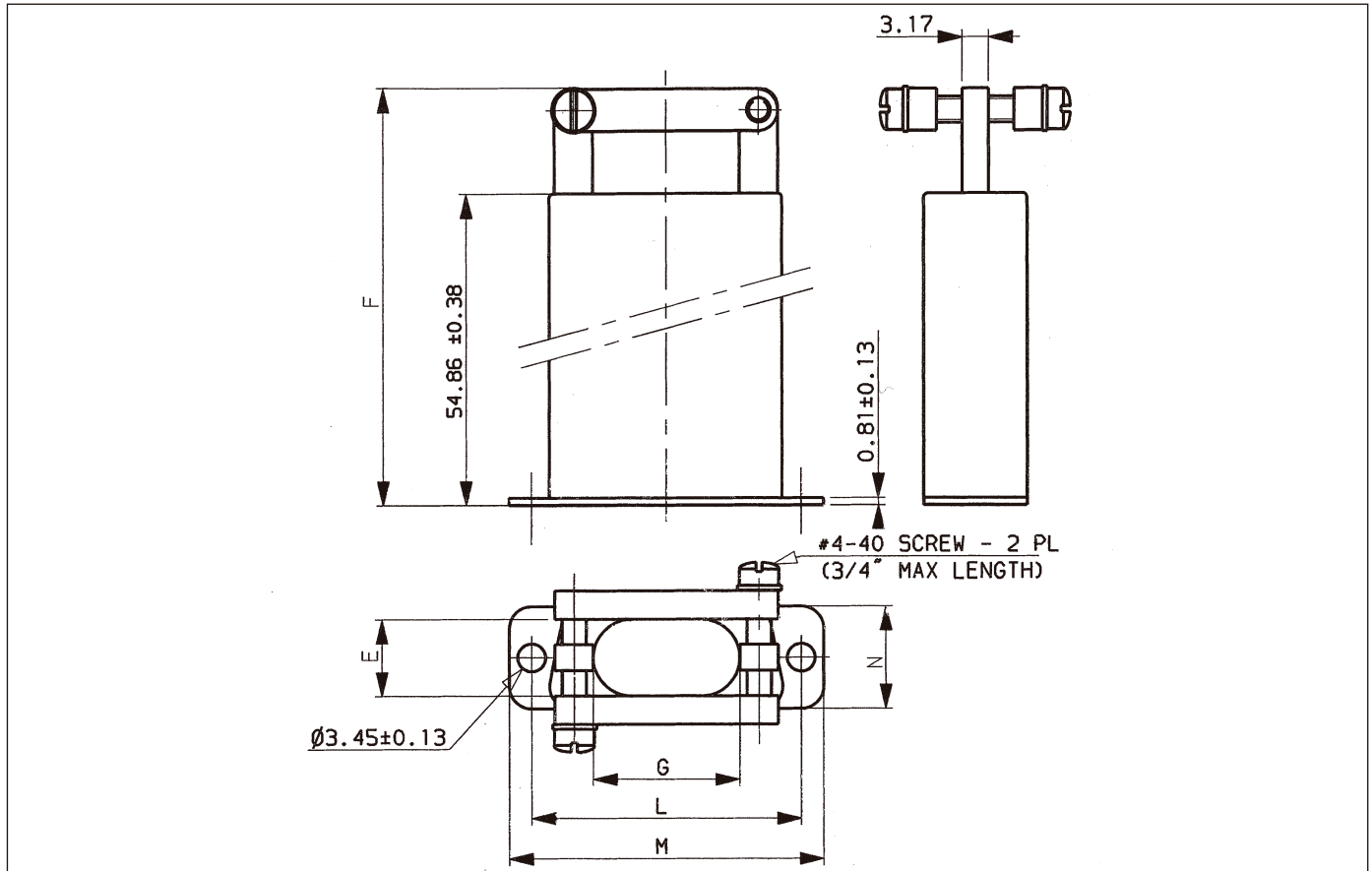
| Shell size | Male connectors |              | Female connectors |              |
|------------|-----------------|--------------|-------------------|--------------|
|            | A               | B            | A                 | B            |
| E          | 19,2<br>.756    | 10,3<br>.406 | 17,8<br>.701      | 9<br>.354    |
| A          | 27,5<br>1.083   | 10,3<br>.406 | 26,1<br>1.028     | 9<br>.354    |
| B          | 41,7<br>1.642   | 10,7<br>.421 | 39,8<br>1.567     | 9<br>.354    |
| C          | 58,1<br>2.287   | 10,7<br>.421 | 56,3<br>2.217     | 9<br>.354    |
| D          | 55,5<br>2.185   | 13,4<br>.528 | 53,9<br>2.122     | 11,9<br>.469 |



# ESA/SCC 3401 072 & Space Grade



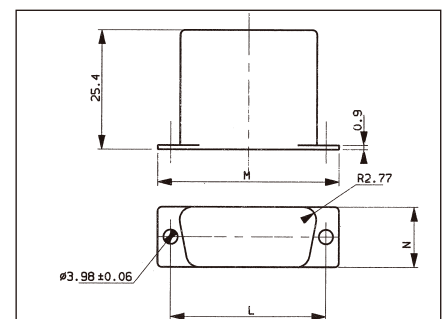
## Lightweight design with saddle clamps for strain relief



| Shell size | E $\pm 0,38$ | F $\pm 0,60$ | G $\pm 0,38$ | M $\pm 0,38$ | N $\pm 0,14$ | L $\pm 0,25$ | ESA/SCC P/M      | SOURIAU P/N     |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|-----------------|
| E          | 9,52         | 67,56        | 8,89         | 30,56        | 13,05        | 24,99        | 3401 072 05B NMB | DE 8949 014 NMB |
| A          | 9,52         | 67,56        | 12,06        | 38,89        | 13,05        | 33,32        | 3401 072 06B NMB | DA 8949 014 NMB |
| B          | 9,52         | 69,16        | 12,70        | 52,78        | 13,05        | 47,04        | 3401 072 07B NMB | DB 8949 014 NMB |
| C          | 9,52         | 69,16        | 12,70        | 69,04        | 13,05        | 63,50        | 3401 072 08B NMB | DC 8949 014 NMB |
| D          | 11,88        | 69,16        | 15,46        | 66,67        | 15,82        | 61,11        | 3401 072 09B NMB | DD 8949 014 NMB |

## Lightweight D-Sub shorting can

| Shell size | M $\pm 0,38$ | N $\pm 0,38$ | L $\pm 0,25$ | ESA/SCC P/M      | SOURIAU P/N     |
|------------|--------------|--------------|--------------|------------------|-----------------|
| E          | 30,56        | 12,70        | 24,99        | 3401 072 10B NMB | DE 8949 301 NMB |
| A          | 38,89        | 12,70        | 33,32        | 3401 072 11B NMB | DA 8949 301 NMB |
| B          | 52,78        | 12,70        | 47,04        | 3401 072 12B NMB | DB 8949 301 NMB |
| C          | 69,04        | 12,70        | 63,50        | 3401 072 13B NMB | DC 8949 301 NMB |
| D          | 66,67        | 15,47        | 61,11        | 3401 072 14B NMB | DD 8949 301 NMB |



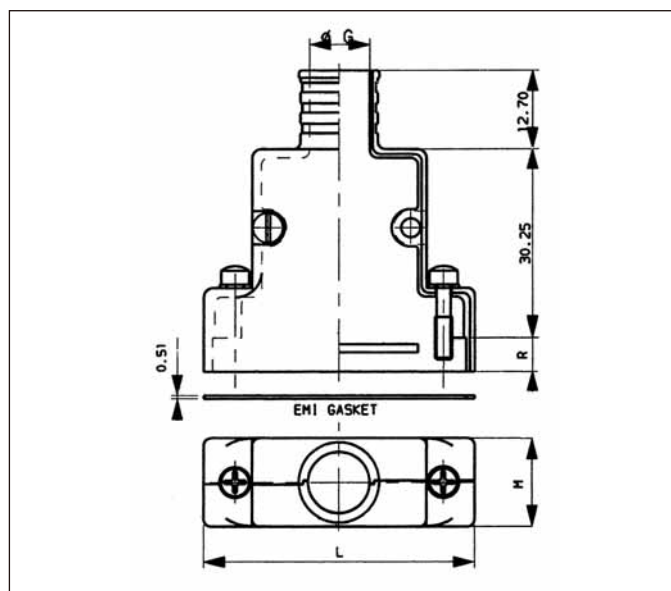
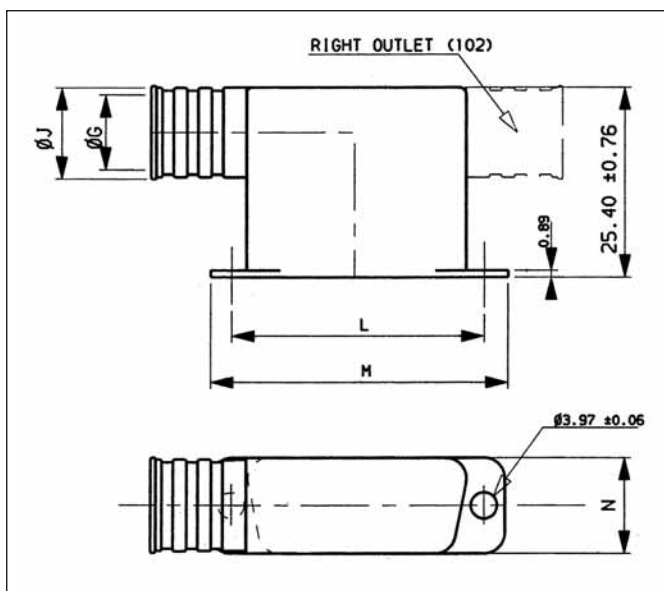


# ESA/SCC 3401 072 & Space Grade

## EMI shielded backshell-straight cable outlet

| Shell size | ESA/SCC P/N<br>Front/mount | SOURIAU P/N<br>Front/mount | $\varnothing G \pm 0,25$ | $M \pm 0,25$ | $L \pm 0,25$ | $R \pm 0,13$ |  |
|------------|----------------------------|----------------------------|--------------------------|--------------|--------------|--------------|--|
|            |                            |                            |                          |              |              | Front/mount  |  |
| E          | 3401 072 15B NMB           | DE 8949 405 1NMB           | 6,73                     | 15,98        | 35,03        | 7,74         |  |
| A          | 3401 072 16B NMB           | DA 8949 405 1NMB           | 9,90                     | 15,98        | 43,36        | 7,74         |  |
| B          | 3401 072 17B NMB           | DB 8949 405 1NMB           | 10,54                    | 15,98        | 57,25        | 7,74         |  |
| C          | 3401 072 18B NMB           | DC 8949 405 1NMB           | 10,54                    | 15,98        | 73,53        | 7,74         |  |
| D          | 3401 072 19B NMB           | DD 8949 405 1NMB           | 13,33                    | 18,79        | 71,14        | 7,74         |  |

| Shell size | ESA/SCC P/N<br>Rear/mount | SOURIAU P/N<br>Rear/mount | $\varnothing G \pm 0,25$ | $M \pm 0,25$ | $L \pm 0,25$ | $R \pm 0,13$ |            |
|------------|---------------------------|---------------------------|--------------------------|--------------|--------------|--------------|------------|
|            |                           |                           |                          |              |              |              | Rear/mount |
| E          | 3401 072 20B NMB          | DE 8949 405 2NMB          | 6,73                     | 15,98        | 35,03        |              | 6,32       |
| A          | 3401 072 21B NMB          | DA 8949 405 2NMB          | 9,90                     | 15,98        | 43,36        |              | 6,32       |
| B          | 3401 072 22B NMB          | DB 8949 405 2NMB          | 10,54                    | 15,98        | 57,25        |              | 6,32       |
| C          | 3401 072 23B NMB          | DC 8949 405 2NMB          | 10,54                    | 15,98        | 73,53        |              | 6,32       |
| D          | 3401 072 24B NMB          | DD 8949 405 2NMB          | 13,33                    | 18,79        | 71,14        |              | 6,32       |



## Light shielded backshell-90° longitudinal cable outlet

| Shell size | Right outlet     |                  | $\varnothing G \pm 0,25$ | $J \pm 0,38$ | $M \pm 0,36$ | $N \pm 0,38$ | $L \pm 0,13$ |
|------------|------------------|------------------|--------------------------|--------------|--------------|--------------|--------------|
|            | ESA/SCC P/N      | SOURIAU P/N      |                          |              |              |              |              |
| E          | 3401 072 25B NMB | DE 8949 102K NMB | 6,85                     | 8,89         | 30,56        | 12,70        | 24,99        |
| A          | 3401 072 26B NMB | DA 8949 102E NMB | 10,03                    | 12,06        | 38,89        | 12,70        | 33,32        |
| B          | 3401 072 27B NMB | DB 8949 102F NMB | 10,66                    | 12,70        | 52,78        | 12,70        | 47,04        |
| C          | 3401 072 28B NMB | DC 8949 102F NMB | 10,66                    | 12,70        | 69,04        | 12,70        | 63,50        |
| D          | 3401 072 29B NMB | DD 8949 102H NMB | 13,43                    | 15,46        | 66,67        | 15,47        | 61,11        |

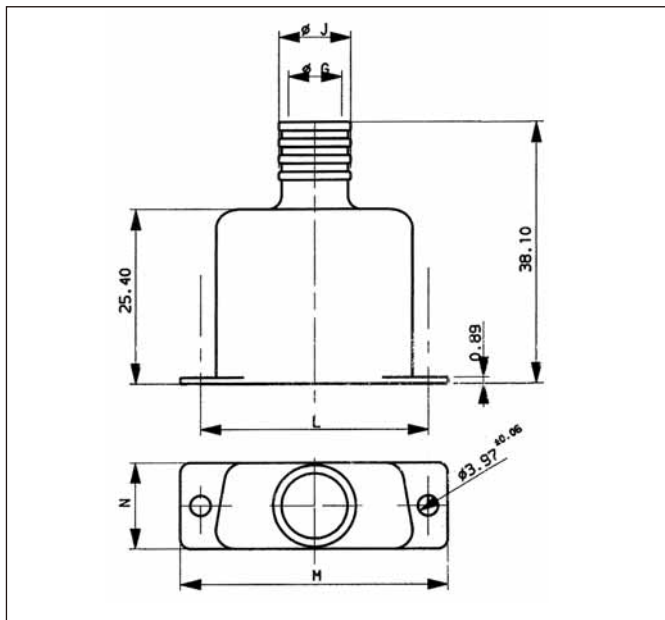
| Shell size | Left outlet      |                  | $\varnothing G \pm 0,25$ | $J \pm 0,38$ | $M \pm 0,36$ | $N \pm 0,38$ | $L \pm 0,13$ |
|------------|------------------|------------------|--------------------------|--------------|--------------|--------------|--------------|
|            | ESA/SCC P/N      | SOURIAU P/N      |                          |              |              |              |              |
| E          | 3401 072 30B NMB | DE 8949 101K NMB | 6,85                     | 8,89         | 30,56        | 12,70        | 24,99        |
| A          | 3401 072 31B NMB | DA 8949 101E NMB | 10,03                    | 12,06        | 38,89        | 12,70        | 33,32        |
| B          | 3401 072 32B NMB | DB 8949 101F NMB | 10,66                    | 12,70        | 52,78        | 12,70        | 47,04        |
| C          | 3401 072 33B NMB | DC 8949 101F NMB | 10,66                    | 12,70        | 69,04        | 12,70        | 63,50        |
| D          | 3401 072 34B NMB | DD 8949 101H NMB | 13,43                    | 15,46        | 66,67        | 15,47        | 61,11        |

# ESA/SCC 3401 072 & Space Grade



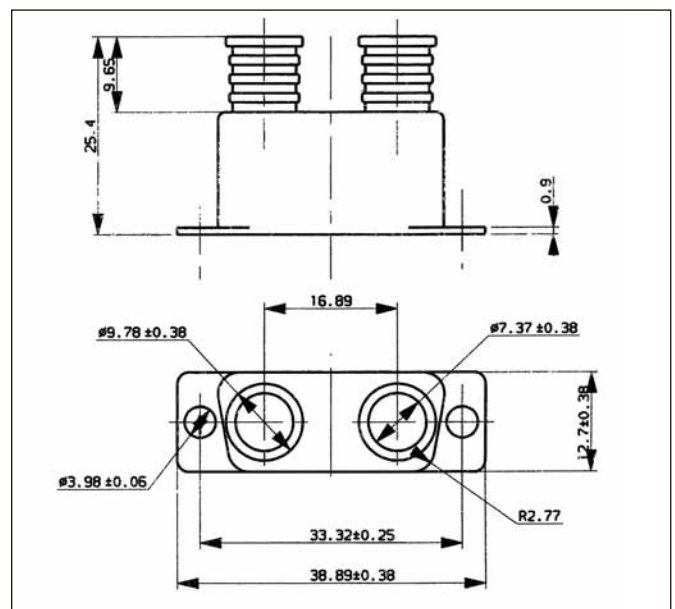
## Lightweight shielded backshell-straight cable outlet

| Shell size | ESA/SCC P/N      | SOURIAU P/N     | $\varnothing G \pm 0,25$ | $J \pm 0,38$ | $M \pm 0,38$ | $N \pm 0,38$ | $L \pm 0,13$ |
|------------|------------------|-----------------|--------------------------|--------------|--------------|--------------|--------------|
| E          | 3401 072 35B NMB | DE 8949 001 NMB | 6,85                     | 8,89         | 30,56        | 12,70        | 24,99        |
| A          | 3401 072 36B NMB | DA 8949 001 NMB | 10,03                    | 12,06        | 38,89        | 12,70        | 33,32        |
| B          | 3401 072 37B NMB | DB 8949 001 NMB | 10,66                    | 12,70        | 52,78        | 12,70        | 47,04        |
| C          | 3401 072 38B NMB | DC 8949 001 NMB | 10,66                    | 12,70        | 69,04        | 12,70        | 63,50        |
| D          | 3401 072 39B NMB | DD 8949 001 NMB | 13,43                    | 15,46        | 66,67        | 15,47        | 61,11        |



## Lightweight backshell dual entry band termination, 15 pin

| Shell size | ESA/SCC P/N      | SOURIAU P/N     |
|------------|------------------|-----------------|
| A          | 3401 072 40B NMB | DA 8949 020 NMB |



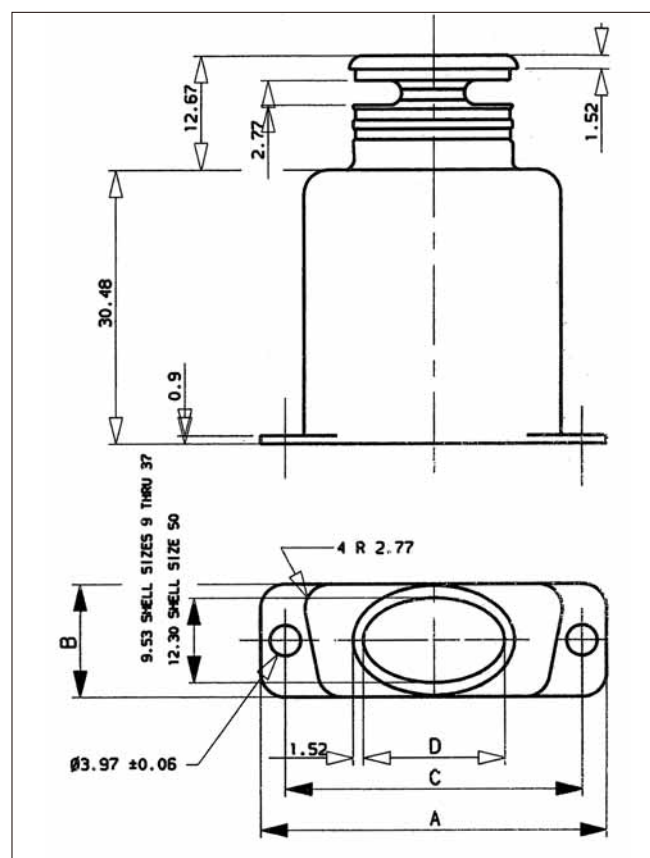
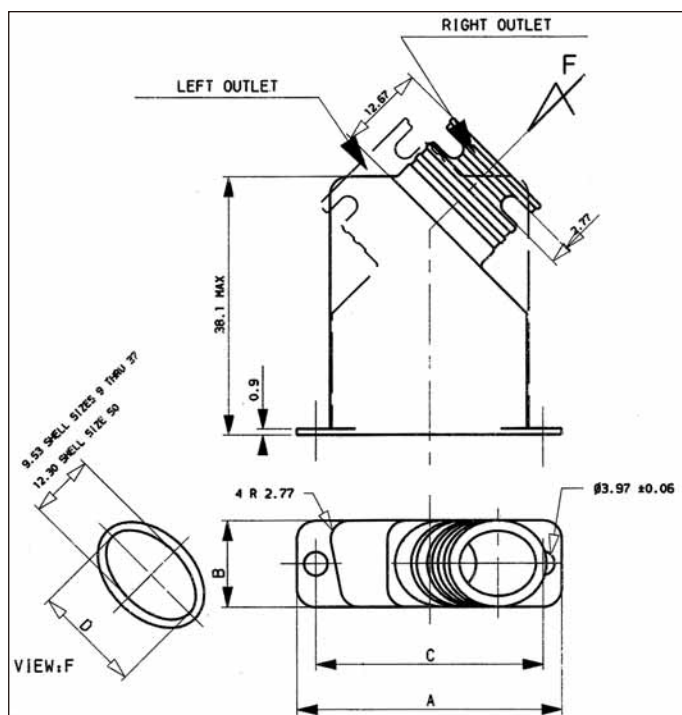
# ESA/SCC 3401 072 & Space Grade



## Straight lightweight backshell ultra elliptical band-termination

| Shell size | ESA SCC P/N      | SOURIAU P/N        | A $\pm 0,38$ | B $\pm 0,38$ | C $\pm 0,13$ | D $\pm 0,38$ |
|------------|------------------|--------------------|--------------|--------------|--------------|--------------|
| E          | 3401 072 46B NMB | DE 8949 009A-1 NMB | 30,56        | 12,70        | 24,99        | 12,70        |
| A          | 3401 072 47B NMB | DA 8949 009B-1 NMB | 38,89        | 12,70        | 33,32        | 15,87        |
| B          | 3401 072 48B NMB | DB 8949 009C-1 NMB | 52,78        | 12,70        | 47,04        | 19,05        |
| C          | 3401 072 49B NMB | DC 8949 009E-1 NMB | 69,04        | 12,70        | 63,50        | 25,40        |
| D          | 3401 072 50B NMB | DD 8949 009D-1 NMB | 66,67        | 15,46        | 61,11        | 22,22        |

## 45° lightweight backshell ultra elliptical band-termination



| Shell size | Right outlet     |                    | A $\pm 0,38$ | B $\pm 0,38$ | C $\pm 0,13$ | D $\pm 0,38$ |
|------------|------------------|--------------------|--------------|--------------|--------------|--------------|
|            | ESA SCC P/N      | SOURIAU P/N        |              |              |              |              |
| E          | 3401 072 51B NMB | DE 8949 107A-1 NMB | 30,56        | 12,70        | 24,99        | 12,70        |
| A          | 3401 072 52B NMB | DA 8949 107B-1 NMB | 38,89        | 12,70        | 33,32        | 15,87        |
| B          | 3401 072 53B NMB | DB 8949 107C-1 NMB | 52,78        | 12,70        | 47,04        | 19,05        |
| C          | 3401 072 54B NMB | DC 8949 107E-1 NMB | 69,04        | 12,70        | 63,50        | 25,40        |
| D          | 3401 072 55B NMB | DD 8949 107D-1 NMB | 66,67        | 15,46        | 61,11        | 22,22        |

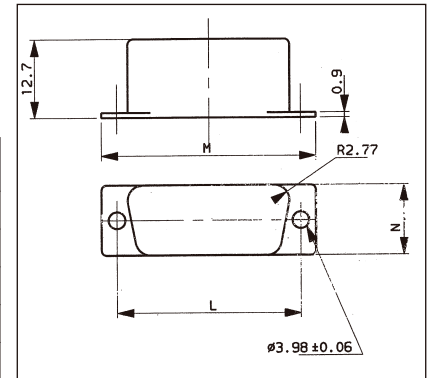
| Shell size | Left outlet      |                    | A $\pm 0,38$ | B $\pm 0,38$ | C $\pm 0,13$ | D $\pm 0,38$ |
|------------|------------------|--------------------|--------------|--------------|--------------|--------------|
|            | ESA SCC P/N      | SOURIAU P/N        |              |              |              |              |
| E          | 3401 072 56B NMB | DE 8949 108A-1 NMB | 30,56        | 12,70        | 24,99        | 12,70        |
| A          | 3401 072 57B NMB | DA 8949 108B-1 NMB | 38,89        | 12,70        | 33,32        | 15,87        |
| B          | 3401 072 58B NMB | DB 8949 108C-1 NMB | 52,78        | 12,70        | 47,04        | 19,05        |
| C          | 3401 072 59B NMB | DC 8949 108E-1 NMB | 69,04        | 12,70        | 63,50        | 25,40        |
| D          | 3401 072 60B NMB | DD 8949 108D-1 NMB | 66,67        | 15,46        | 61,11        | 22,22        |

# ESA/SCC 3401 072 & Space Grade

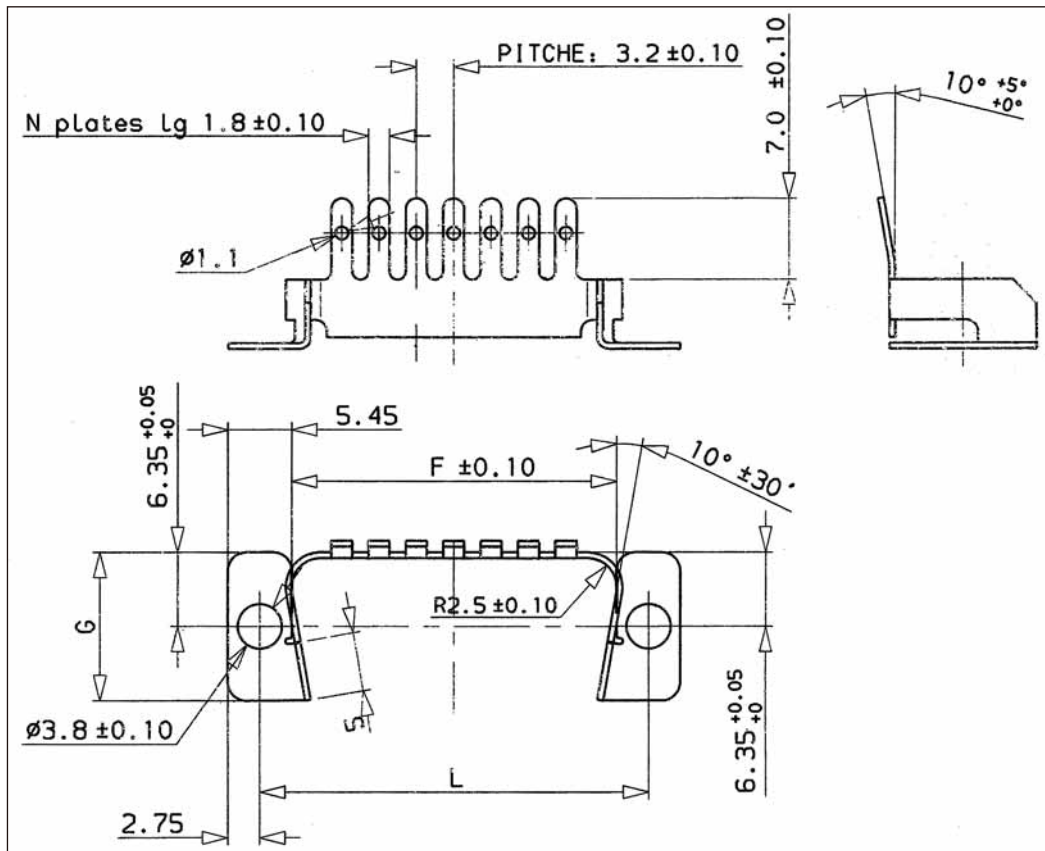


## Lightweight D-SUB extra-shorting can

| Shell size | ESA/SCC P/N      | SOURIAU P/N     | M $\pm 0,38$ | N $\pm 0,38$ | L $\pm 0,25$ |
|------------|------------------|-----------------|--------------|--------------|--------------|
| E          | 3401 072 61B NMB | DE 8949 305 NMB | 30,56        | 12,70        | 24,99        |
| A          | 3401 072 62B NMB | DA 8949 305 NMB | 38,89        | 12,70        | 33,32        |
| B          | 3401 072 63B NMB | DB 8949 305 NMB | 52,78        | 12,70        | 47,04        |
| C          | 3401 072 64B NMB | DC 8949 305 NMB | 69,04        | 12,70        | 63,50        |
| D          | 3401 072 65B NMB | DD 8949 305 NMB | 66,67        | 15,47        | 61,11        |



## Castellated backshell



| Shell size | SOURIAU P/N    |                | F $\pm 0,10$ | G $\pm 0,10$ | L $\pm 0,13$ | N  |
|------------|----------------|----------------|--------------|--------------|--------------|----|
|            | Silver plating | Gold plating   |              |              |              |    |
| E          | DE 8949 XH NMS | DE 8949 XH NMB | 19,60        | 12,70        | 24,99        | 5  |
| A          | DA 8949 XH NMS | DA 8949 XH NMB | 27,85        | 12,70        | 33,32        | 7  |
| B          | DB 8949 XH NMS | DB 8949 XH NMB | 41,50        | 12,70        | 47,04        | 11 |
| C          | DC 8949 XH NMS | DC 8949 XH NMB | 58,10        | 12,70        | 63,50        | 16 |
| D          | DD 8949 XH NMS | DD 8949 XH NMB | 55,75        | 15,40        | 61,11        | 15 |



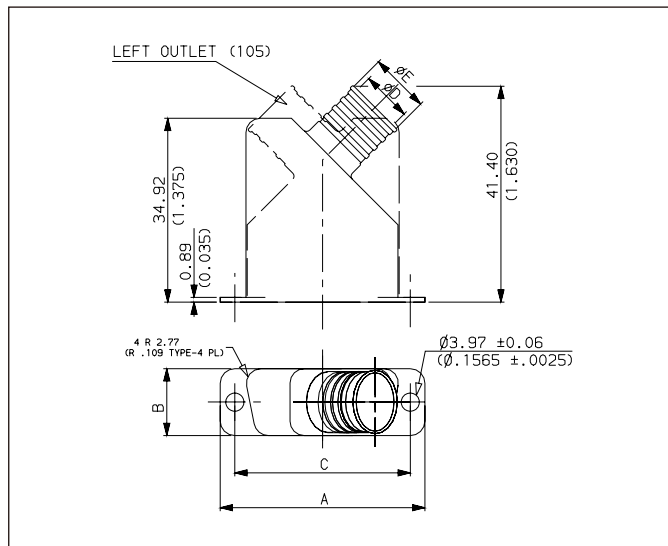
## Lightweight shielded backshells - 45° & 90° Longitudinal cable outlets

| Accessories                                    | D                                          | E           | 8949 | 101 | K | 1 | NM | J |
|------------------------------------------------|--------------------------------------------|-------------|------|-----|---|---|----|---|
| <b>Shell size</b><br>E - A - B - C - D         |                                            |             |      |     |   |   |    |   |
| <b>Cable outlet option</b><br>45° cable outlet | 105 : left                                 | 106 : right |      |     |   |   |    |   |
| 90° cable outlet                               | 101 : left                                 | 102 : right |      |     |   |   |    |   |
| <b>Cable outlet type</b> (see below ★)         |                                            |             |      |     |   |   |    |   |
| <b>Height code</b> (only for 90° outlet)       |                                            |             |      |     |   |   |    |   |
| <b>Blank</b>                                   | mm                                         | inch        |      |     |   |   |    |   |
| - 1                                            | 25,40                                      | 1,00        |      |     |   |   |    |   |
| - 2                                            | 31,75                                      | 1,25        |      |     |   |   |    |   |
| - 3                                            | 38,10                                      | 1,50        |      |     |   |   |    |   |
| - 4                                            | 44,45                                      | 1,75        |      |     |   |   |    |   |
| - 4                                            | 50,80                                      | 2,00        |      |     |   |   |    |   |
| <b>Non magnetic</b>                            |                                            |             |      |     |   |   |    |   |
| <b>Finish code</b>                             |                                            |             |      |     |   |   |    |   |
| B                                              | : 0,8 µm gold                              |             |      |     |   |   |    |   |
| J                                              | : 12,7 µm nickel (per MIL-C-26074 grade B) |             |      |     |   |   |    |   |

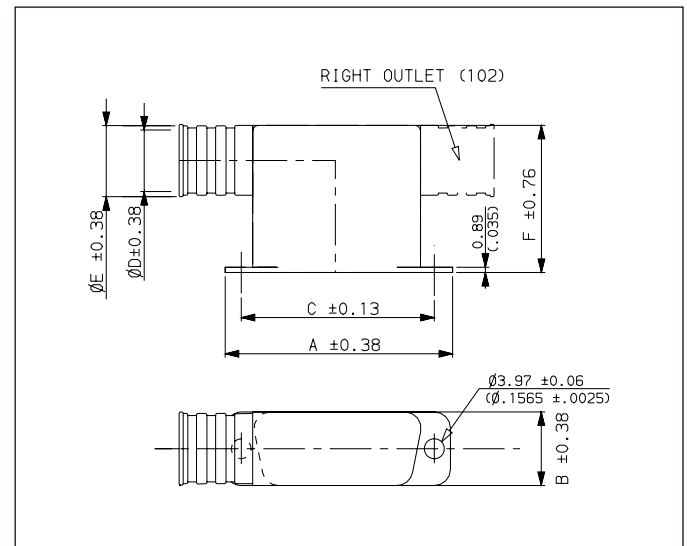
### Characteristics

- For use with MIL-DTL-24308 connectors space or MIL-C grade
- Solid fully machined aluminium alloy
- Cable outlet for banded clamp termination system
- 45° and 90° longitudinal cable outlet various type by shell (left or right)
- Non magnetic D-Sub backshells

### 45° longitudinal cable outlet



### 90° longitudinal cable outlet



| Shell size | A              | B             | C              | Standard cable outlet size |               |               | Specific cable outlet size |               |               |
|------------|----------------|---------------|----------------|----------------------------|---------------|---------------|----------------------------|---------------|---------------|
|            |                |               |                | Ø D                        | Ø E           | ★ Outlet type | Ø D                        | Ø E           | ★ Outlet type |
| E          | 30,56<br>.1203 | 12,7<br>.500  | 24,99<br>.984  | 6,86<br>.270               | 8,89<br>.350  | K             | 3,17<br>.125               | 5,21<br>.205  | A             |
| A          | 38,89<br>.1531 | 12,7<br>.500  | 33,32<br>.1312 | 10,03<br>.395              | 12,06<br>.475 | E             | 4,75<br>.187               | 6,78<br>.267  | B             |
| B          | 52,78<br>.2078 | 12,7<br>.500  | 47,04<br>.1852 | 10,66<br>.420              | 12,7<br>.500  | F             | 7,92<br>.312               | 9,96<br>.392  | D             |
| C          | 69,04<br>.2718 | 12,7<br>.500  | 63,5<br>.2500  | 10,66<br>.420              | 12,7<br>.500  | F             | 7,92<br>.312               | 9,96<br>.392  | D             |
| D          | 66,67<br>.2625 | 15,47<br>.609 | 61,11<br>.2406 | 13,43<br>.529              | 15,46<br>.609 | H             | 10,03<br>.395              | 12,06<br>.475 | E             |



## EMI/RFI Shielded backshells

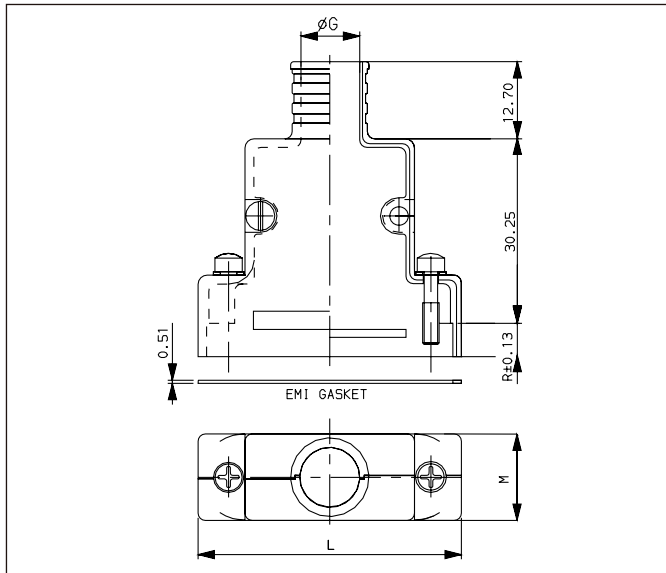
### Straight & Low profile outlet banded clamp termination

|                                                                         |            |          |             |                          |          |          |           |          |
|-------------------------------------------------------------------------|------------|----------|-------------|--------------------------|----------|----------|-----------|----------|
| <b>Accessories</b>                                                      | <b>D</b>   | <b>E</b> | <b>8949</b> | <b>405</b>               | <b>K</b> | <b>1</b> | <b>NM</b> | <b>J</b> |
| <b>Shell size</b><br>E - A - B - C - D                                  |            |          |             |                          |          |          |           |          |
| <b>Cable outlet option</b><br>Straight outlet<br>Low profile outlet     |            |          |             | <b>405</b><br><b>401</b> |          |          |           |          |
| <b>Cable outlet type</b> (only for low profile outlet)<br>(see below ★) |            |          |             |                          |          |          |           |          |
| <b>Height code</b>                                                      |            |          |             |                          |          |          |           |          |
| Front mount                                                             | Rear mount | mm       | inch        |                          |          |          |           |          |
| 1                                                                       | -          | 7,74     | 0.305       |                          |          |          |           |          |
| -                                                                       | 2          | 6,32     | 0.249       |                          |          |          |           |          |
| -                                                                       | 3          | 5,53     | 0.218       |                          |          |          |           |          |
| -                                                                       | 4          | 4,74     | 0.187       |                          |          |          |           |          |
| -                                                                       | 5          | 3,93     | 0.155       |                          |          |          |           |          |
| <b>Non magnetic</b>                                                     |            |          |             |                          |          |          |           |          |
| <b>Finish code</b>                                                      |            |          |             |                          |          |          |           |          |
| <b>B</b> : 0,8 µm gold                                                  |            |          |             |                          |          |          |           |          |
| <b>J</b> : 12,7 µm nickel (per MIL-C-26074 grade B)                     |            |          |             |                          |          |          |           |          |

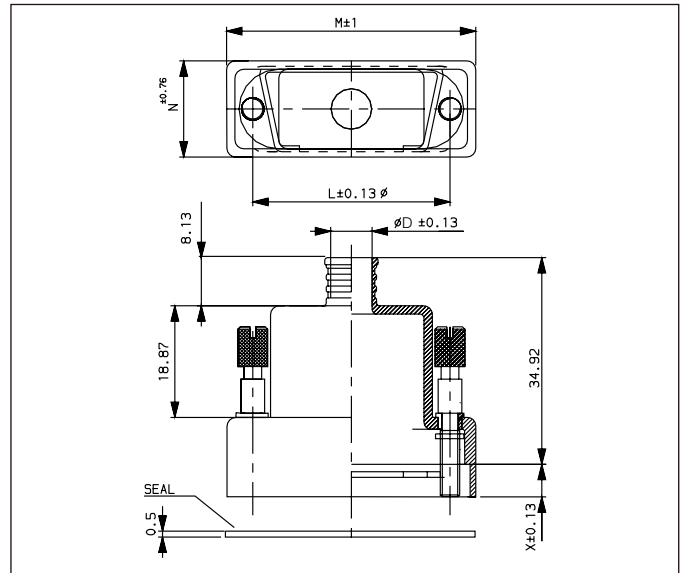
#### Characteristics

- Solid fully machined aluminium alloy
- Cable outlet for banded clamp termination system
- For front or rear mount with EMI gasket
- Non magnetic D-Sub backshells

#### Straight cable outlet : 405



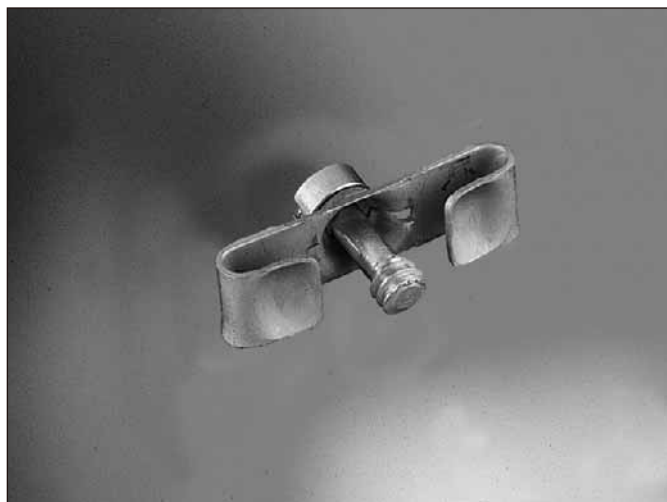
#### Low profile cable outlet : 401



| Shell size | M             | L              | $\phi G$      | Shell size | M              | N             | L              | Standard            |              | Specific            |               |
|------------|---------------|----------------|---------------|------------|----------------|---------------|----------------|---------------------|--------------|---------------------|---------------|
|            |               |                |               |            |                |               |                | ★ Cable outlet size | $\phi D$     | ★ Cable outlet size | $\phi D$      |
| <b>E</b>   | 15,98<br>.629 | 35,03<br>1.379 | 6,73<br>.265  | <b>E</b>   | 34,69<br>1.366 | 16,25<br>.640 | 24,99<br>.984  | <b>B</b>            | 4,83<br>.190 | <b>C</b>            | 5,59<br>.220  |
| <b>A</b>   | 15,98<br>.629 | 43,36<br>1.707 | 9,9<br>.390   | <b>A</b>   | 43,03<br>1.694 | 16,25<br>.640 | 33,32<br>1.312 | <b>B</b>            | 4,83<br>.190 | <b>E</b>            | 6,98<br>.275  |
| <b>B</b>   | 15,98<br>.629 | 57,25<br>2.254 | 10,54<br>.415 | <b>B</b>   | 56,92<br>2.241 | 16,25<br>.640 | 47,04<br>1.852 | <b>D</b>            | 6,6<br>.260  | <b>F</b>            | 7,24<br>.285  |
| <b>C</b>   | 15,98<br>.629 | 73,53<br>2.895 | 10,54<br>.415 | <b>C</b>   | 73,2<br>2.882  | 16,25<br>.640 | 63,5<br>2.500  | <b>D</b>            | 6,6<br>.260  | <b>G</b>            | 8,89<br>.350  |
| <b>D</b>   | 18,79<br>.740 | 71,14<br>2.801 | 13,33<br>.525 | <b>D</b>   | 70,56<br>2.778 | 19,05<br>.750 | 61,11<br>2.406 | <b>G</b>            | 8,89<br>.350 | <b>H</b>            | 12,45<br>.490 |



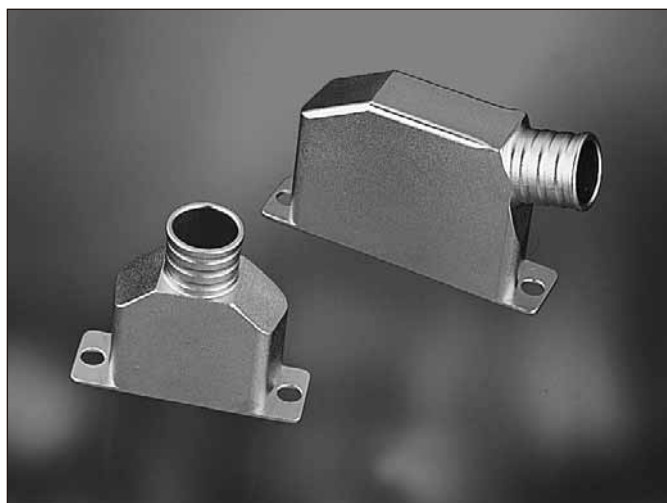
## Accessories



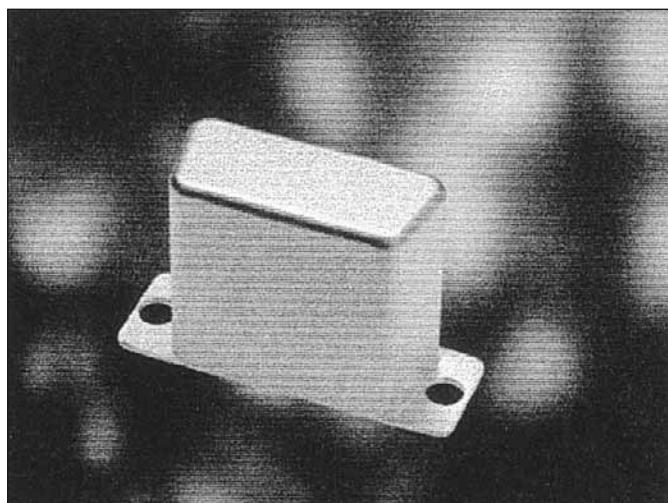
**Screw lock**



**EMI/RFI shielded backshell**



**Lightweight shielded backshell**



**Shorting can**