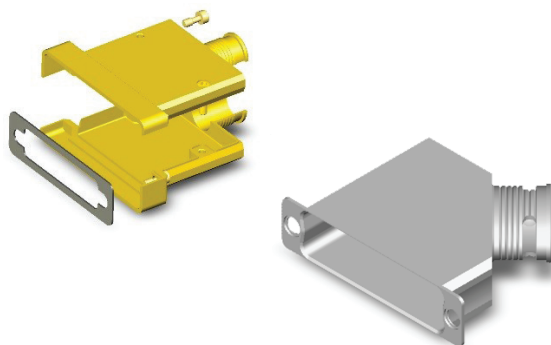


### Features and Benefits

- Compliant with ESA specifications 3401/072
- Ultra-light weight
- Solid fully machined aluminium alloy material
- Non magnetic
- EMI Application

### Typical Applications

- Space equipment
- Satellites harnesses



### Specification

- High performance D-SUB Lightweight Backshell ESA qualified, for space applications.
- Compliant with ESCC 3401/072 Lightweight Backshells specification for rectangular connectors 3401/001 and ESCC 3401/002.
- Suitable for use in Space, and high performance military/aerospace applications: Board to Cable or Cable to Cable applications.
- Sizes available: E, A, B, C, D and F.
- Outlets:
  - 90° circular (right and left) - Pages 2 & 3
  - Top circular - Page 4
  - Top elliptical - Page 5
  - 90° elliptical (right and left) - Pages 6 & 7
  - Top Saddle Clamp - Page 8
  - Closed - Extra Shorting Can - Page 9
  - Closed - Shorting Can - Page 10
  - Top circular (Rear Mounting) EMI Application - Pages 11 & 12
  - Top circular (Front Mounting) EMI Application - Pages 13 & 14

### Characteristics

| CHARACTERISTIC              | SPECIFICATION  |
|-----------------------------|----------------|
| Operating temperature range | -55 / +125°C   |
| Storage temperature range   | -55 / +125°C   |
| Residual magnetism level    | 200 Gamma max. |

### Quality Level

- ESA / ESCC: code 3401 (Flying model)
- Qualification reviewed every 2 years.

### Options

- Male screwlock with clip (be ordered separately).

### Packaging

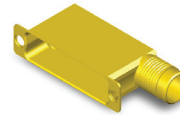
- Individual packaging.
- Traceability associated as per ESA/ESCC specifications.

## MATERIALS AND FINISHES

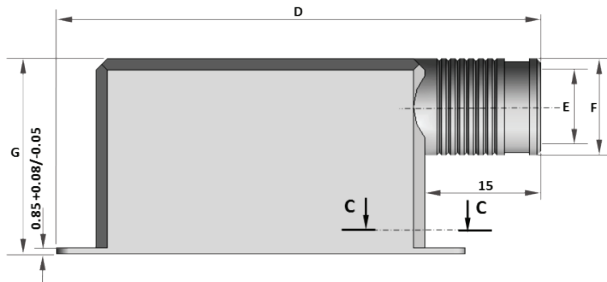
| COMPONENT | MATERIAL                      | FINISH                                                                                                                     |
|-----------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Shell     | Aluminium Alloy 6061-T6       | <b>Code A174:</b> 25.4 µm min. electroless Nickel<br><b>No code:</b> 0.7 µm min. Gold over 25.4 µm min. electroless Nickel |
| Screws    | Brass                         | 0.7 µm Gold over 1 µm min. Cu                                                                                              |
| Gasket    | Silicone conductive elastomer | None                                                                                                                       |

## 90° CIRCULAR ENTRY RIGHT OUTLET

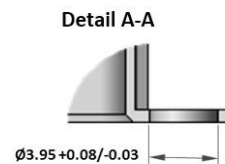
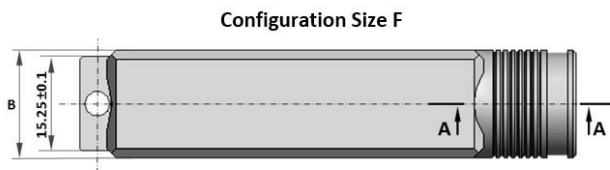
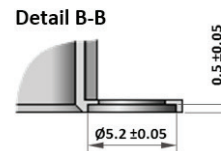
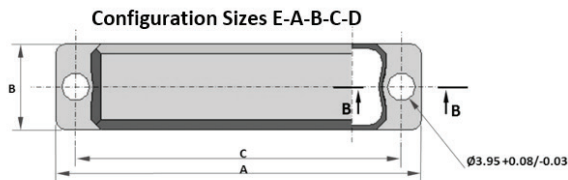
(Our design accepts right or left mounting)



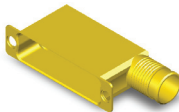
### DIMENSIONS AND WEIGHT



| SIZE     | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.5 | ØE<br>±0.15 | ØF<br>±0.15 | G<br>±0.5 | WEIGHT<br>(GRAMS) |
|----------|-----------|------------|------------|-----------|-------------|-------------|-----------|-------------------|
| <b>E</b> | 30.68     | 12.50      | 24.99      | 40.6      | 7.00        | 9.00        | 25.4      | 7                 |
| <b>A</b> | 39.01     | 12.50      | 33.32      | 49.0      | 10.00       | 12.00       | 25.4      | 10                |
| <b>B</b> | 52.91     | 12.50      | 47.04      | 62.7      | 10.50       | 12.50       | 25.4      | 13.5              |
| <b>C</b> | 69.19     | 12.50      | 63.50      | 79.2      | 10.50       | 12.50       | 25.4      | 18                |
| <b>D</b> | 66.80     | 15.30      | 61.11      | 76.7      | 13.30       | 15.30       | 25.4      | 23                |
| <b>F</b> | 69.30     | 17.30      | 63.50      | 79.9      | 15.30       | 17.30       | 35.4      | 28                |



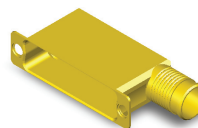
### DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107225B NMBA-A174 | C115366-2606D |
|                                                                                                           | A    | 340107226B NMBA-A174 | C115366-2607D |
|                                                                                                           | B    | 340107227B NMBA-A174 | C115366-2608D |
|                                                                                                           | C    | 340107228B NMBA-A174 | C115366-2609D |
|                                                                                                           | D    | 340107229B NMBA-A174 | C115366-2610D |
|                                                                                                           | F    | 340107276B NMB-A174  | C115366-2691D |
| <br>Gold               | E    | 340107225B NMBA      | C115366-2606C |
|                                                                                                           | A    | 340107226B NMBA      | C115366-2607C |
|                                                                                                           | B    | 340107227B NMBA      | C115366-2608C |
|                                                                                                           | C    | 340107228B NMBA      | C115366-2609C |
|                                                                                                           | D    | 340107229B NMBA      | C115366-2610C |
|                                                                                                           | F    | 340107276B NMB       | C115366-2691C |

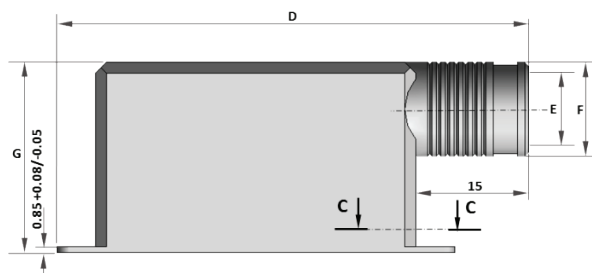
## 90° CIRCULAR ENTRY

### LEFT OUTLET

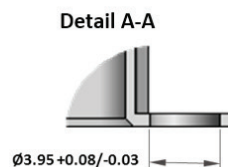
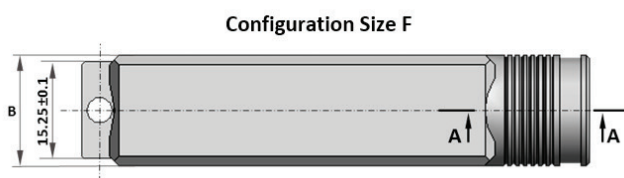
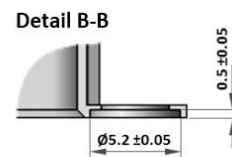
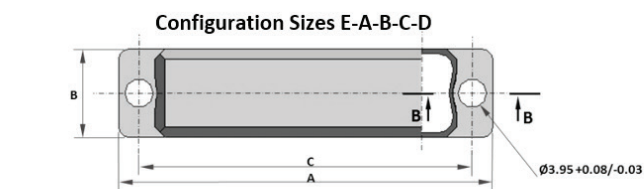
(Our design accepts right or left mounting)



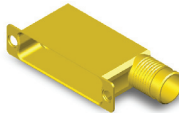
## DIMENSIONS AND WEIGHT



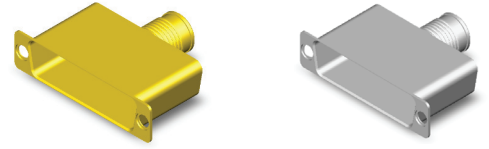
| SIZE     | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.5 | ØE<br>±0.15 | ØF<br>±0.15 | G<br>±0.5 | WEIGHT<br>(GRAMS) |
|----------|-----------|------------|------------|-----------|-------------|-------------|-----------|-------------------|
| <b>E</b> | 30.68     | 12.50      | 24.99      | 40.6      | 7.00        | 9.00        | 25.4      | 6.5               |
| <b>A</b> | 39.01     | 12.50      | 33.32      | 49.0      | 10.00       | 12.00       | 25.4      | 10                |
| <b>B</b> | 52.91     | 12.50      | 47.04      | 62.7      | 10.50       | 12.50       | 25.4      | 13.5              |
| <b>C</b> | 69.19     | 12.50      | 63.50      | 79.2      | 10.50       | 12.50       | 25.4      | 18                |
| <b>D</b> | 66.80     | 15.30      | 61.11      | 76.7      | 13.30       | 15.30       | 25.4      | 23                |
| <b>F</b> | 69.30     | 17.30      | 63.50      | 79.9      | 15.30       | 17.30       | 35.4      | 28                |



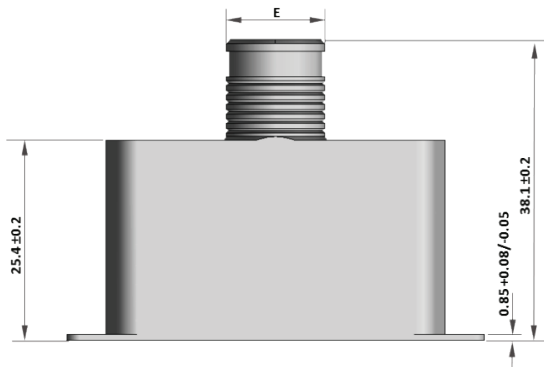
## DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107230B NMBA-A174 | C115366-2611D |
|                                                                                                           | A    | 340107231B NMBA-A174 | C115366-2612D |
|                                                                                                           | B    | 340107232B NMBA-A174 | C115366-2613D |
|                                                                                                           | C    | 340107233B NMBA-A174 | C115366-2614D |
|                                                                                                           | D    | 340107234B NMBA-A174 | C115366-2615D |
|                                                                                                           | F    | 340107276B NMB-A174  | C115366-2691D |
| <br>Gold               | E    | 340107230B NMBA      | C115366-2611C |
|                                                                                                           | A    | 340107231B NMBA      | C115366-2612C |
|                                                                                                           | B    | 340107232B NMBA      | C115366-2613C |
|                                                                                                           | C    | 340107233B NMBA      | C115366-2614C |
|                                                                                                           | D    | 340107234B NMBA      | C115366-2615C |
|                                                                                                           | F    | 340107276B NMB       | C115366-2691C |

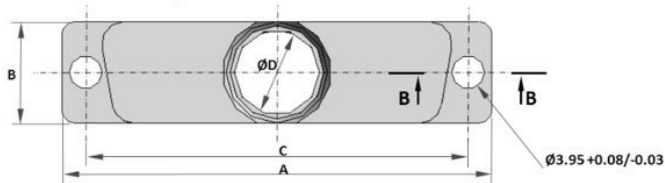
## TOP CIRCULAR ENTRY



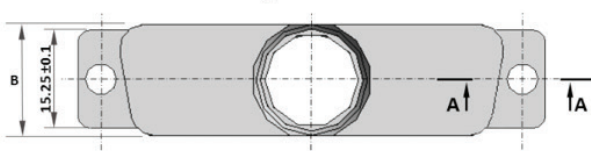
### DIMENSIONS AND WEIGHT



Configuration Sizes E-A-B-C-D

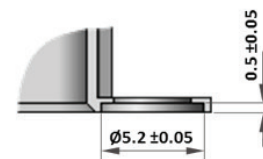


Configuration Size F

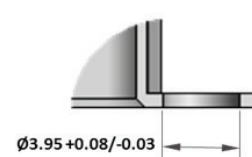


| SIZE     | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.2 | ØE<br>±0.15 | WEIGHT<br>(GRAMS) |
|----------|-----------|------------|------------|-----------|-------------|-------------------|
| <b>E</b> | 30.68     | 12.50      | 24.99      | 7.00      | 9.00        | 6.5               |
| <b>A</b> | 39.01     | 12.50      | 33.32      | 10.00     | 12.00       | 8.5               |
| <b>B</b> | 52.91     | 12.50      | 47.04      | 10.50     | 12.50       | 11.5              |
| <b>C</b> | 69.19     | 12.50      | 63.50      | 10.50     | 12.50       | 13.5              |
| <b>D</b> | 66.80     | 15.30      | 61.11      | 13.30     | 15.30       | 14.5              |
| <b>F</b> | 69.30     | 17.30      | 63.50      | 15.30     | 17.30       | 16.5              |

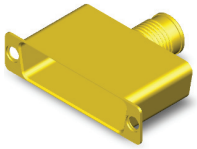
Detail B-B



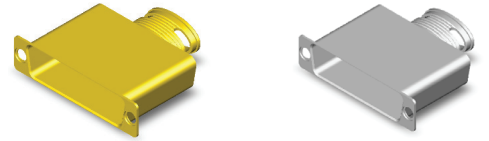
Detail A-A



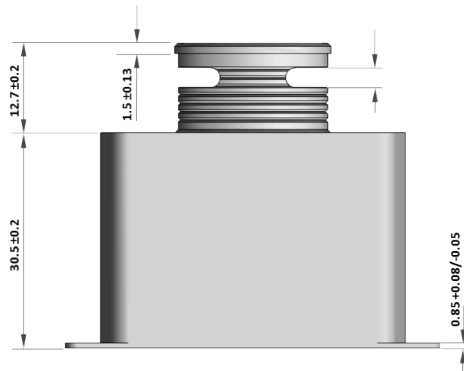
### DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107235B NMBA-A174 | C115366-2616D |
|                                                                                                           | A    | 340107236B NMBA-A174 | C115366-2617D |
|                                                                                                           | B    | 340107237B NMBA-A174 | C115366-2618D |
|                                                                                                           | C    | 340107238B NMBA-A174 | C115366-2619D |
|                                                                                                           | D    | 340107239B NMBA-A174 | C115366-2620D |
|                                                                                                           | F    | 340107277B NMB-A174  | C115366-2692D |
| <br>Gold               | E    | 340107235B NMBA      | C115366-2616C |
|                                                                                                           | A    | 340107236B NMBA      | C115366-2617C |
|                                                                                                           | B    | 340107237B NMBA      | C115366-2618C |
|                                                                                                           | C    | 340107238B NMBA      | C115366-2619C |
|                                                                                                           | D    | 340107239B NMBA      | C115366-2620C |
|                                                                                                           | F    | 340107277B NMB       | C115366-2692C |

## TOP ELLIPTICAL ENTRY

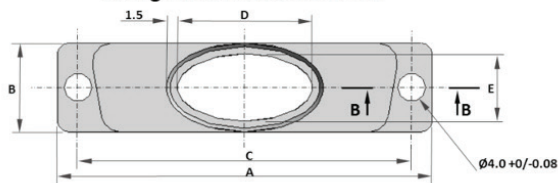


### DIMENSIONS AND WEIGHT

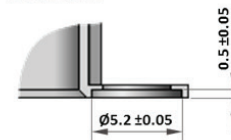


| SIZE | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.38 | E<br>±0.15 | WEIGHT<br>(GRAMS) |
|------|-----------|------------|------------|------------|------------|-------------------|
| E    | 30.68     | 12.50      | 24.99      | 12.70      | 9.50       | 8                 |
| A    | 39.01     | 12.50      | 33.32      | 15.87      | 9.50       | 13                |
| B    | 52.91     | 12.50      | 47.04      | 19.05      | 9.50       | 18                |
| C    | 69.19     | 12.50      | 63.50      | 25.40      | 9.50       | 23                |
| D    | 66.80     | 15.30      | 61.11      | 22.22      | 12.30      | 28                |
| F    | 69.30     | 17.30      | 63.50      | 32.00      | 14.30      | 33                |

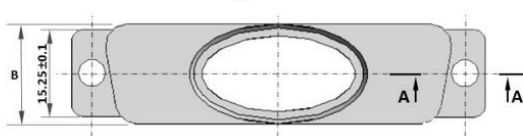
Configuration Sizes E-A-B-C-D



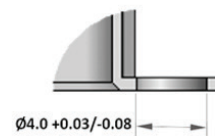
Detail B-B



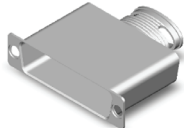
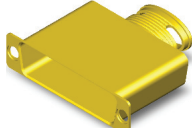
Configuration Size F



Detail A-A

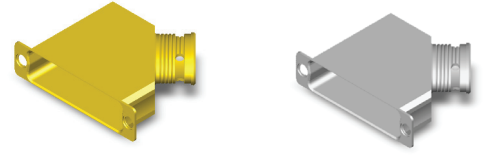


### DESCRIPTION AND PART NUMBERS

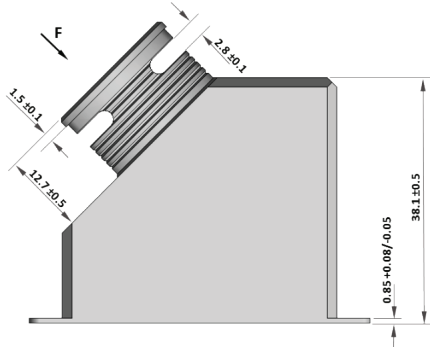
| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107246B NMBA-A174 | C115366-2622D |
|                                                                                                           | A    | 340107247B NMBA-A174 | C115366-2623D |
|                                                                                                           | B    | 340107248B NMBA-A174 | C115366-2624D |
|                                                                                                           | C    | 340107249B NMBA-A174 | C115366-2625D |
|                                                                                                           | D    | 340107250B NMBA-A174 | C115366-2626D |
|                                                                                                           | F    | 340107278B NMB-A174  | C115366-2693D |
| <br>Gold               | E    | 340107246B NMBA      | C115366-2622C |
|                                                                                                           | A    | 340107247B NMBA      | C115366-2623C |
|                                                                                                           | B    | 340107248B NMBA      | C115366-2624C |
|                                                                                                           | C    | 340107249B NMBA      | C115366-2625C |
|                                                                                                           | D    | 340107250B NMBA      | C115366-2626C |
|                                                                                                           | F    | 340107278B NMB       | C115366-2693C |

## 45° ELLIPTICAL ENTRY RIGHT OUTLET

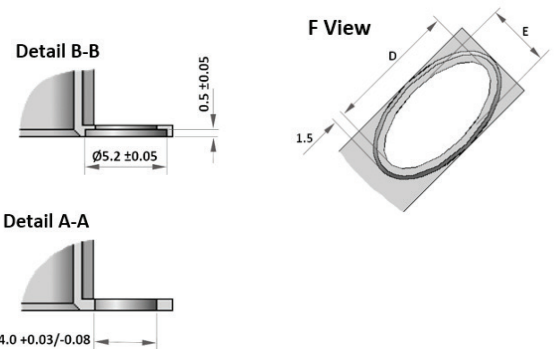
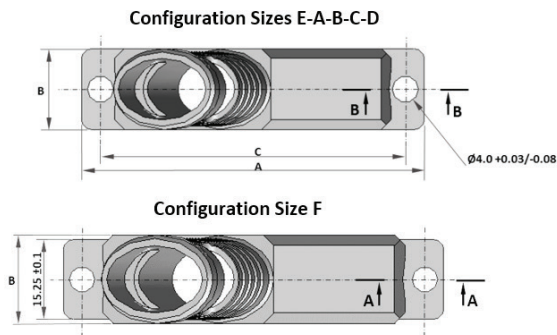
(Our design accepts right or left mounting)



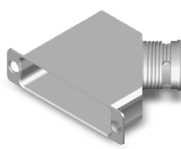
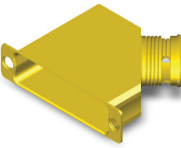
### DIMENSIONS AND WEIGHT



| SIZE     | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.38 | ØE<br>±0.15 | WEIGHT<br>(GRAMS) |
|----------|-----------|------------|------------|------------|-------------|-------------------|
| <b>E</b> | 30.68     | 12.50      | 24.99      | 12.70      | 9.50        | 10                |
| <b>A</b> | 39.01     | 12.50      | 33.32      | 15.87      | 9.50        | 14                |
| <b>B</b> | 52.91     | 12.50      | 47.04      | 19.05      | 9.50        | 20                |
| <b>C</b> | 69.19     | 12.50      | 63.50      | 25.40      | 9.50        | 26                |
| <b>D</b> | 66.80     | 15.30      | 61.11      | 22.22      | 12.30       | 33                |
| <b>F</b> | 69.30     | 17.30      | 63.50      | 29.00      | 14.30       | 40                |

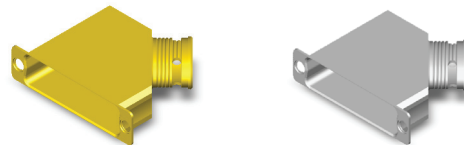


### DESCRIPTION AND PART NUMBERS

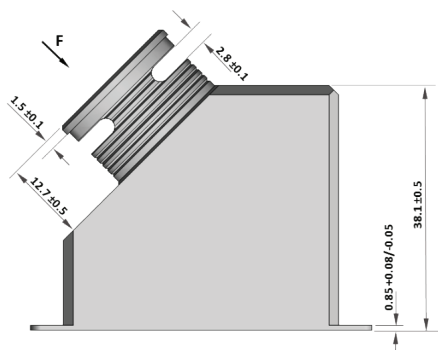
| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107251B NMBA-A174 | C115366-2627D |
|                                                                                                           | A    | 340107252B NMBA-A174 | C115366-2628D |
|                                                                                                           | B    | 340107253B NMBA-A174 | C115366-2629D |
|                                                                                                           | C    | 340107254B NMBA-A174 | C115366-2630D |
|                                                                                                           | D    | 340107255B NMBA-A174 | C115366-2631D |
|                                                                                                           | F    | 340107279B NMB-A174  | C115366-2694D |
| <br>Gold               | E    | 340107251B NMBA      | C115366-2627C |
|                                                                                                           | A    | 340107252B NMBA      | C115366-2628C |
|                                                                                                           | B    | 340107253B NMBA      | C115366-2629C |
|                                                                                                           | C    | 340107254B NMBA      | C115366-2630C |
|                                                                                                           | D    | 340107255B NMBA      | C115366-2631C |
|                                                                                                           | F    | 340107279B NMB       | C115366-2694C |

## 45° ELLIPTICAL ENTRY LEFT OUTLET

(Our design accepts right or left mounting)

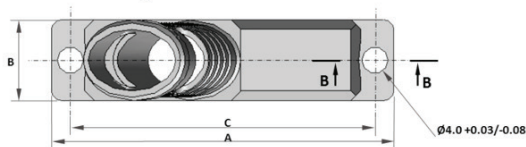


### DIMENSIONS AND WEIGHT

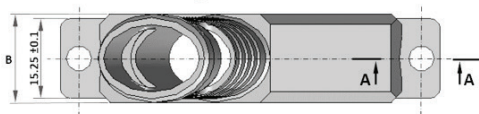


| SIZE | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.38 | ØE<br>±0.15 | WEIGHT<br>(GRAMS) |
|------|-----------|------------|------------|------------|-------------|-------------------|
| E    | 30.68     | 12.50      | 24.99      | 12.70      | 9.50        | 10                |
| A    | 39.01     | 12.50      | 33.32      | 15.87      | 9.50        | 14                |
| B    | 52.91     | 12.50      | 47.04      | 19.05      | 9.50        | 20                |
| C    | 69.19     | 12.50      | 63.50      | 25.40      | 9.50        | 26                |
| D    | 66.80     | 15.30      | 61.11      | 22.22      | 12.30       | 33                |
| F    | 69.30     | 17.30      | 63.50      | 29.00      | 14.30       | 40                |

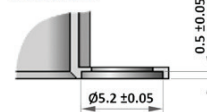
Configuration Sizes E-A-B-C-D



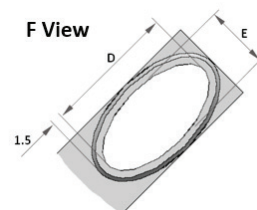
Configuration Size F



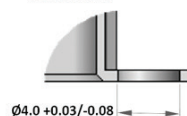
Detail B-B



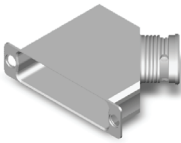
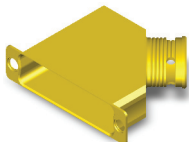
F View



Detail A-A

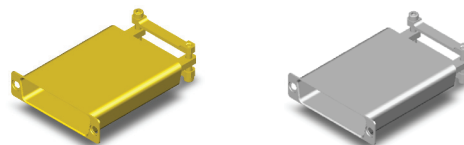


### DESCRIPTION AND PART NUMBERS

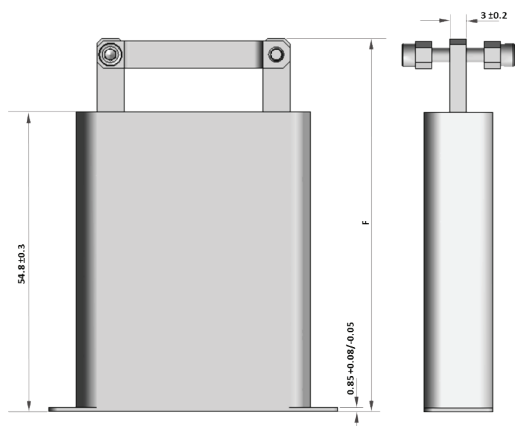
| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107256B NMBA-A174 | C115366-2632D |
|                                                                                                           | A    | 340107257B NMBA-A174 | C115366-2633D |
|                                                                                                           | B    | 340107258B NMBA-A174 | C115366-2634D |
|                                                                                                           | C    | 340107259B NMBA-A174 | C115366-2635D |
|                                                                                                           | D    | 340107260B NMBA-A174 | C115366-2636D |
|                                                                                                           | F    | 340107279B NMB-A174  | C115366-2694D |
| <br>Gold               | E    | 340107256B NMBA      | C115366-2632C |
|                                                                                                           | A    | 340107257B NMBA      | C115366-2633C |
|                                                                                                           | B    | 340107258B NMBA      | C115366-2634C |
|                                                                                                           | C    | 340107259B NMBA      | C115366-2635C |
|                                                                                                           | D    | 340107260B NMBA      | C115366-2636C |
|                                                                                                           | F    | 340107279B NMB       | C115366-2694C |



## SADDLE CLAMP TOP ENTRY

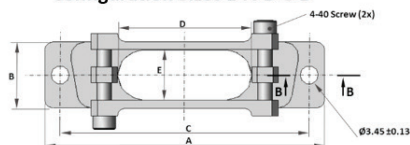


### DIMENSIONS AND WEIGHT

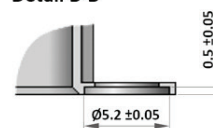


| SIZE | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | D<br>±0.3 | E<br>±0.25 | F<br>±0.50 | WEIGHT<br>(GRAMS) |
|------|-----------|------------|------------|-----------|------------|------------|-------------------|
| E    | 30.68     | 12.50      | 24.99      | 9.50      | 9.50       | 66.75      | 15.5              |
| A    | 39.01     | 12.50      | 33.32      | 18.10     | 9.50       | 66.75      | 19                |
| B    | 52.91     | 12.50      | 47.04      | 25.40     | 9.50       | 68.35      | 23                |
| C    | 69.19     | 12.50      | 63.50      | 34.90     | 9.50       | 68.35      | 29                |
| D    | 66.80     | 15.30      | 61.11      | 35.70     | 11.90      | 68.35      | 33                |
| F    | 69.30     | 17.30      | 63.50      | 47.00     | 13.90      | 68.35      | 37                |

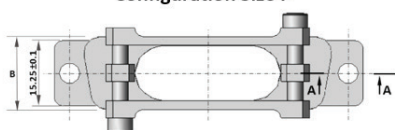
Configuration Sizes E-A-B-C-D



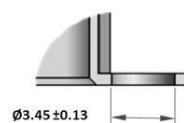
Detail B-B



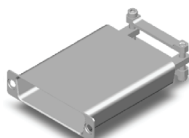
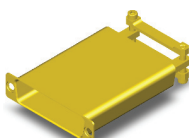
Configuration Size F



Detail A-A

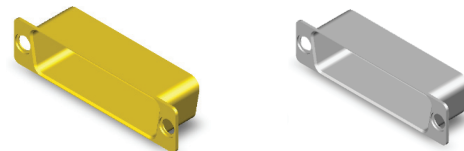


### DESCRIPTION AND PART NUMBERS

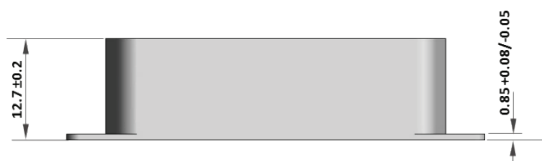
| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107205B NMBA-A174 | C115366-2586D |
|                                                                                                           | A    | 340107206B NMBA-A174 | C115366-2587D |
|                                                                                                           | B    | 340107207B NMBA-A174 | C115366-2588D |
|                                                                                                           | C    | 340107208B NMBA-A174 | C115366-2589D |
|                                                                                                           | D    | 340107209B NMBA-A174 | C115366-2590D |
|                                                                                                           | F    | 340107272B NMB-A174  | C115366-2687D |
| <br>Gold               | E    | 340107205B NMBA      | C115366-2586C |
|                                                                                                           | A    | 340107206B NMBA      | C115366-2587C |
|                                                                                                           | B    | 340107207B NMBA      | C115366-2588C |
|                                                                                                           | C    | 340107208B NMBA      | C115366-2589C |
|                                                                                                           | D    | 340107209B NMBA      | C115366-2590C |
|                                                                                                           | F    | 340107272B NMB       | C115366-2687C |



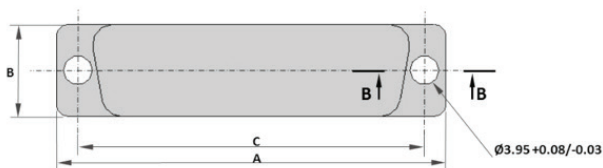
## CLOSED - EXTRA SHORTING CAN



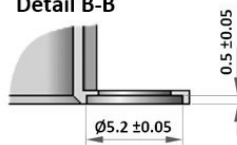
### DIMENSIONS AND WEIGHT



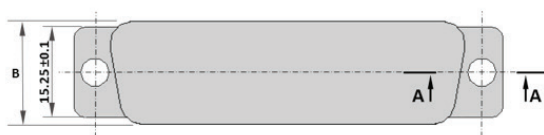
Configuration Sizes E-A-B-C-D



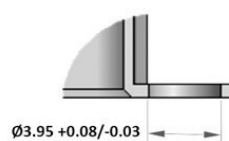
Detail B-B



Configuration Size F

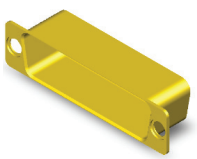


Detail A-A

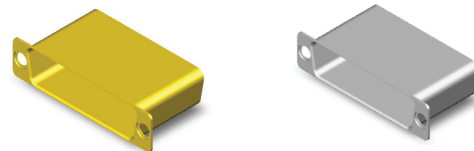


| SIZE | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | WEIGHT<br>(GRAMS) |
|------|-----------|------------|------------|-------------------|
| E    | 30.68     | 12.50      | 24.99      | 8                 |
| A    | 39.01     | 12.50      | 33.32      | 10                |
| B    | 52.91     | 12.50      | 47.04      | 14                |
| C    | 69.19     | 12.50      | 63.50      | 20                |
| D    | 66.80     | 15.30      | 61.11      | 26                |
| F    | 69.30     | 17.30      | 63.50      | 30                |

### DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107261B NMBA-A174 | C115366-2637D |
|                                                                                                           | A    | 340107262B NMBA-A174 | C115366-2638D |
|                                                                                                           | B    | 340107263B NMBA-A174 | C115366-2639D |
|                                                                                                           | C    | 340107264B NMBA-A174 | C115366-2640D |
|                                                                                                           | D    | 340107265B NMBA-A174 | C115366-2641D |
|                                                                                                           | F    | 340107280B NMB-A174  | C115366-2695D |
| <br>Gold               | E    | 340107261B NMBA      | C115366-2637C |
|                                                                                                           | A    | 340107262B NMBA      | C115366-2638C |
|                                                                                                           | B    | 340107263B NMBA      | C115366-2639C |
|                                                                                                           | C    | 340107264B NMBA      | C115366-2640C |
|                                                                                                           | D    | 340107265B NMBA      | C115366-2641C |
|                                                                                                           | F    | 340107280B NMB       | C115366-2695C |

## CLOSED - SHORTING CAN

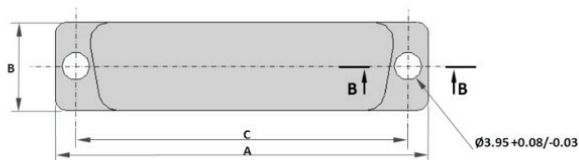


### DIMENSIONS AND WEIGHT

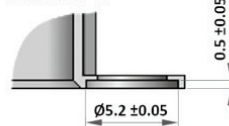


| SIZE     | A<br>±0.2 | B<br>±0.15 | C<br>±0.13 | WEIGHT<br>(GRAMS) |
|----------|-----------|------------|------------|-------------------|
| <b>E</b> | 30.68     | 12.50      | 24.99      | 8                 |
| <b>A</b> | 39.01     | 12.50      | 33.32      | 10                |
| <b>B</b> | 52.91     | 12.50      | 47.04      | 14                |
| <b>C</b> | 69.19     | 12.50      | 63.50      | 20                |
| <b>D</b> | 66.80     | 15.30      | 61.11      | 26                |
| <b>F</b> | 69.30     | 17.30      | 63.50      | 30                |

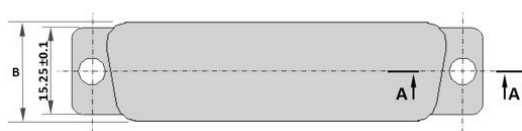
Configuration Sizes E-A-B-C-D



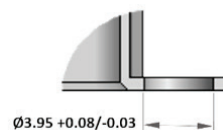
Detail B-B



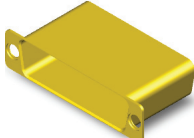
Configuration Size F



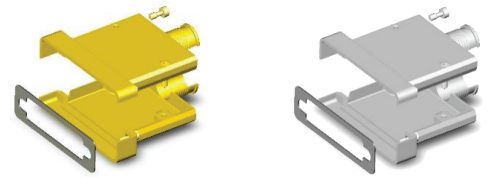
Detail A-A



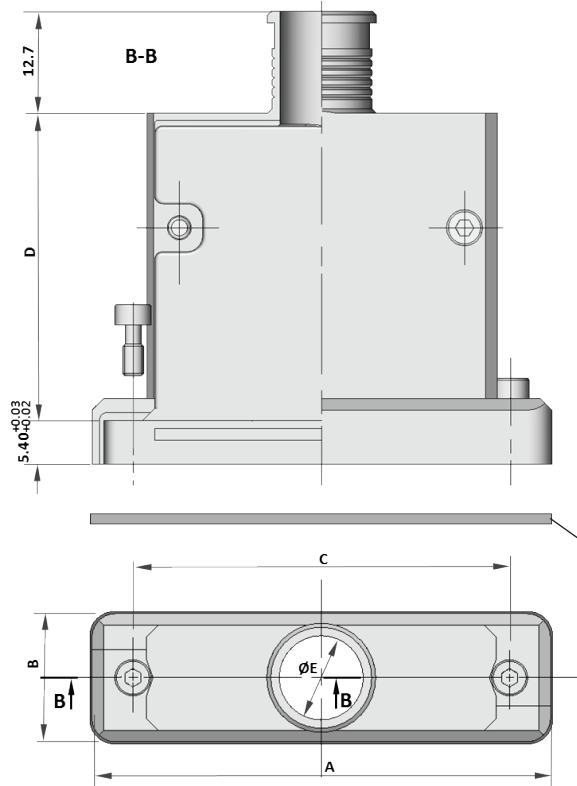
### DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107210B NMBA-A174 | C115366-2591D |
|                                                                                                           | A    | 340107211B NMBA-A174 | C115366-2592D |
|                                                                                                           | B    | 340107212B NMBA-A174 | C115366-2593D |
|                                                                                                           | C    | 340107213B NMBA-A174 | C115366-2594D |
|                                                                                                           | D    | 340107214B NMBA-A174 | C115366-2595D |
|                                                                                                           | F    | 340107273B NMB-A174  | C115366-2688D |
| <br>Gold               | E    | 340107210B NMBA      | C115366-2591C |
|                                                                                                           | A    | 340107211B NMBA      | C115366-2592C |
|                                                                                                           | B    | 340107212B NMBA      | C115366-2593C |
|                                                                                                           | C    | 340107213B NMBA      | C115366-2594C |
|                                                                                                           | D    | 340107214B NMBA      | C115366-2595C |
|                                                                                                           | F    | 340107273B NMB       | C115366-2688C |

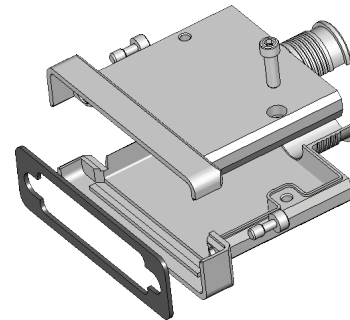
## TOP CYLINDRICAL ENTRY - EMI APPLICATION REAR MOUNTING



### DIMENSIONS AND WEIGHT



| SIZE | A<br>±0.25 | B<br>±0.25 | C<br>±0.13 | D<br>±0.30 | E<br>±0.25 | WEIGHT<br>(GRAMS) |
|------|------------|------------|------------|------------|------------|-------------------|
| E    | 35.03      | 15.98      | 24.99      | 32.70      | 6.73       | 21                |
| A    | 43.36      | 15.98      | 33.32      | 32.70      | 9.90       | 26                |
| B    | 57.25      | 15.98      | 47.04      | 38.30      | 10.54      | 30                |
| C    | 73.53      | 15.98      | 63.50      | 38.30      | 10.54      | 35                |
| D    | 71.14      | 18.75      | 61.11      | 38.30      | 13.33      | 40                |
| F    | 73.50      | 20.80      | 63.50      | 38.30      | 15.40      | 45                |



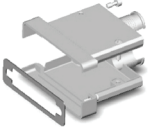
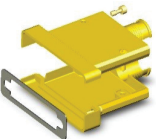
#### EMI Gaskets (3x):

1.40±0.1mm - to use with panel thickness within 0.77mm and 1.16mm  
 1.00±0.1mm - to use with panel thickness within 1.16mm and 1.55mm  
 0.60±0.1mm - to use with panel thickness within 1.55mm and 1.98mm

#### Backshell delivered with:

- 3 EMI gaskets to use according to panel thickness
- 2 Jackscrews 4-40 NC 2A Hexagonal Hole Head
- 2 screwlocks to fix the shells

### DESCRIPTION AND PART NUMBERS

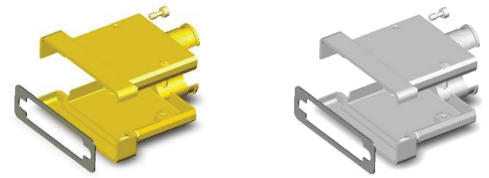
| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107220B NMBA-A174 | C115366-2601D |
|                                                                                                           | A    | 340107221B NMBA-A174 | C115366-2602D |
|                                                                                                           | B    | 340107222B NMBA-A174 | C115366-2603D |
|                                                                                                           | C    | 340107223B NMBA-A174 | C115366-2604D |
|                                                                                                           | D    | 340107224B NMBA-A174 | C115366-2605D |
|                                                                                                           | F    | 340107275B NMB-A174  | C115366-2690D |
| <br>Gold               | E    | 340107220B NMBA      | C115366-2601C |
|                                                                                                           | A    | 340107221B NMBA      | C115366-2602C |
|                                                                                                           | B    | 340107222B NMBA      | C115366-2603C |
|                                                                                                           | C    | 340107223B NMBA      | C115366-2604C |
|                                                                                                           | D    | 340107224B NMBA      | C115366-2605C |
|                                                                                                           | F    | 340107275B NMB       | C115366-2690C |



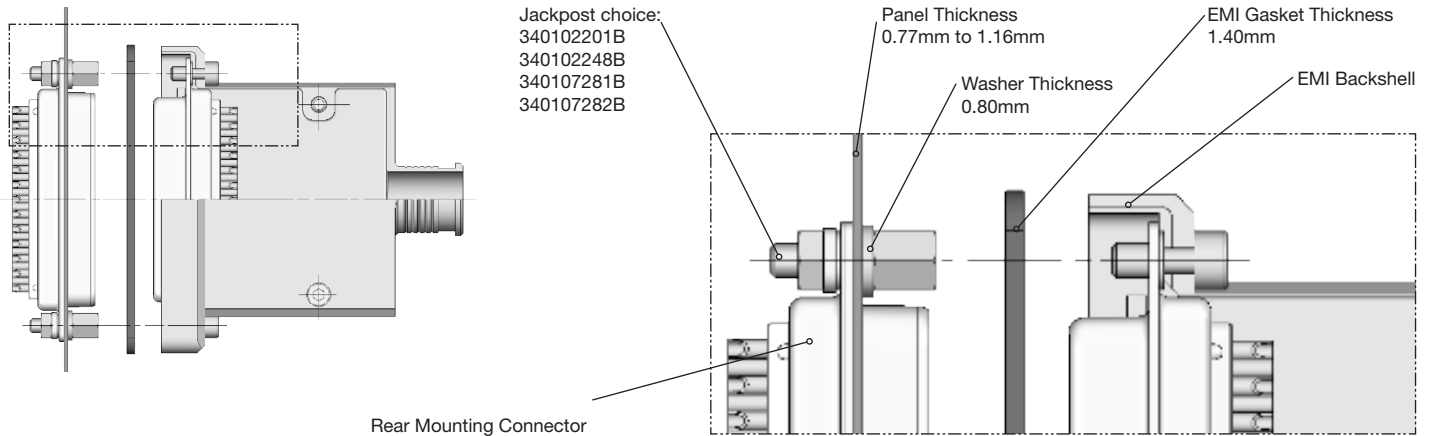
Dimensions shown in: mm  
 Specifications and dimensions subject to change

[www.ckswitches.com](http://www.ckswitches.com)

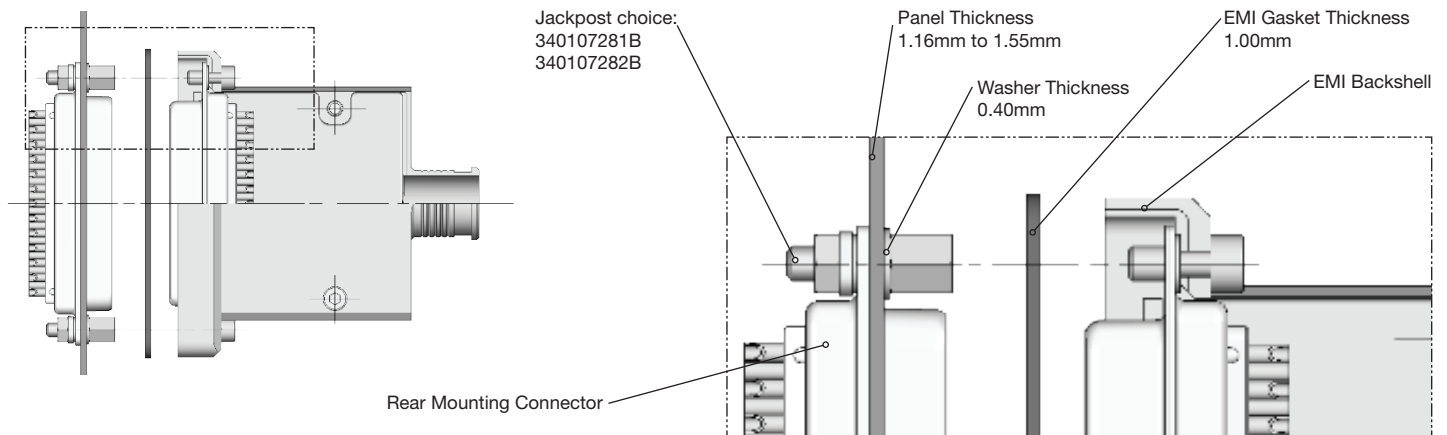
## TOP CYLINDRICAL ENTRY - EMI APPLICATION REAR MOUNTING



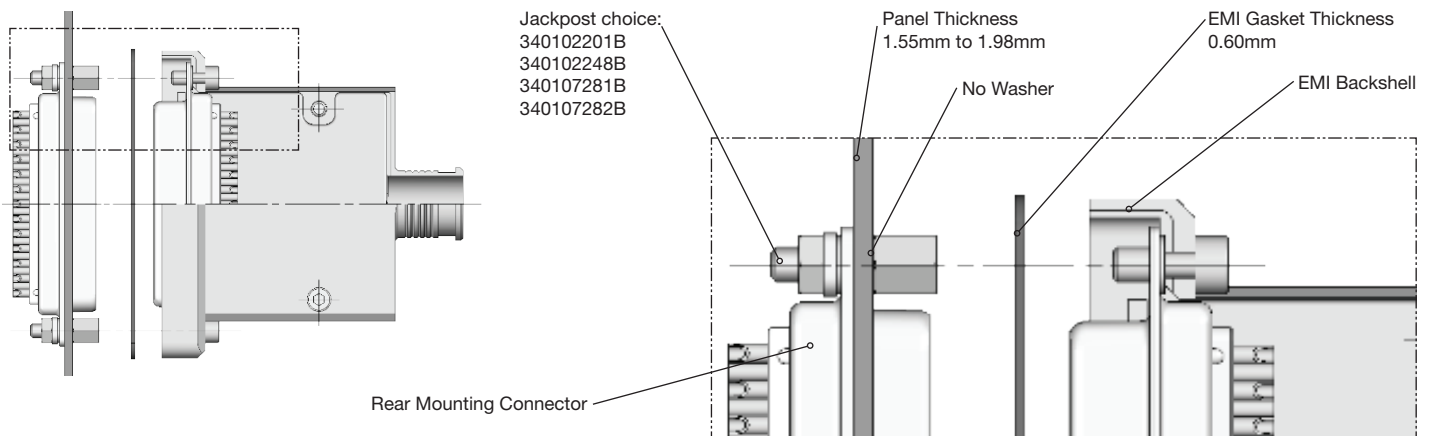
### MOUNTING RECOMMENDATION - PANEL THICKNESS WITHIN 0.77MM AND 1.16MM



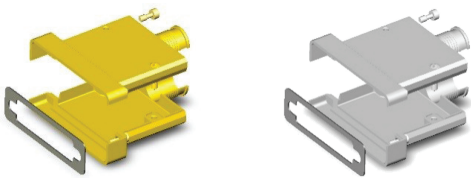
### MOUNTING RECOMMENDATION - PANEL THICKNESS WITHIN 1.16MM AND 1.55MM



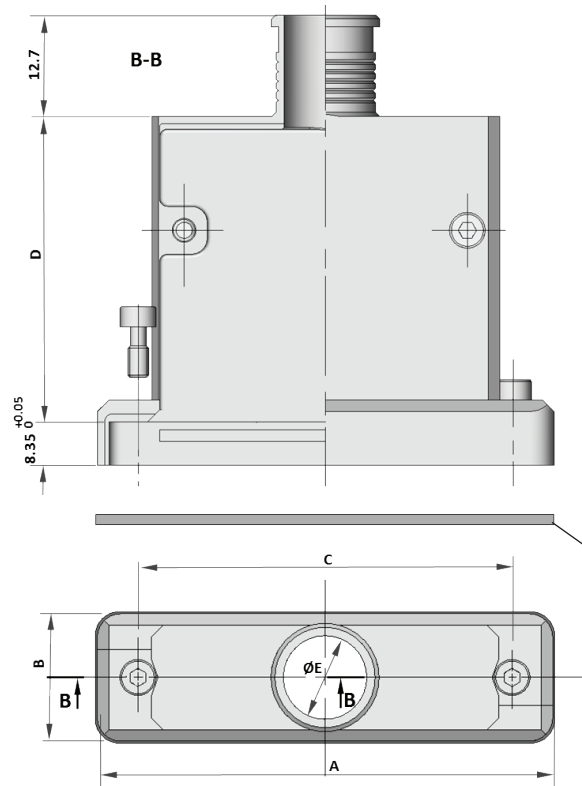
### MOUNTING RECOMMENDATION - PANEL THICKNESS WITHIN 1.55MM AND 1.98MM



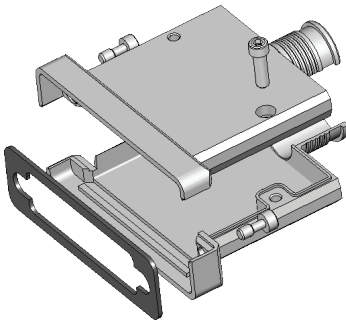
TOP CYLINDRICAL ENTRY - EMI APPLICATION  
FRONT MOUNTING



DIMENSIONS AND WEIGHT



| SIZE | A<br>±0.25 | B<br>±0.25 | C<br>±0.13 | D<br>±0.30 | E<br>±0.25 | WEIGHT<br>(GRAMS) |
|------|------------|------------|------------|------------|------------|-------------------|
| E    | 35.03      | 15.98      | 24.99      | 32.70      | 6.73       | 21                |
| A    | 43.36      | 15.98      | 33.32      | 32.70      | 9.90       | 26                |
| B    | 57.25      | 15.98      | 47.04      | 38.30      | 10.54      | 30                |
| C    | 73.53      | 15.98      | 63.50      | 38.30      | 10.54      | 35                |
| D    | 71.14      | 18.75      | 61.11      | 38.30      | 13.33      | 40                |
| F    | 73.50      | 20.80      | 63.50      | 38.30      | 15.40      | 45                |

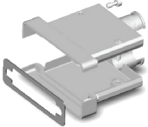
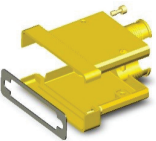


EMI Gaskets:  
0.60±0.1mm thickness

Backshell delivered with:

- 1 EMI gasket
- 2 Jackscrews 4-40 NC 2A Hexagonal Hole Head
- 2 screwlocks to fix the shells

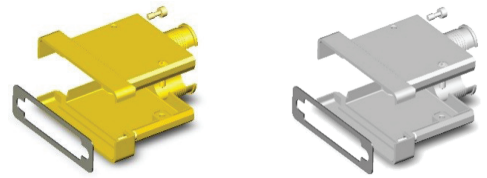
DESCRIPTION AND PART NUMBERS

| SHELL FINISH                                                                                              | SIZE | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------------------------------|------|----------------------|---------------|
| <br>Electroless Nickel | E    | 340107215B NMBA-A174 | C115366-2596D |
|                                                                                                           | A    | 340107216B NMBA-A174 | C115366-2597D |
|                                                                                                           | B    | 340107217B NMBA-A174 | C115366-2598D |
|                                                                                                           | C    | 340107218B NMBA-A174 | C115366-2599D |
|                                                                                                           | D    | 340107219B NMBA-A174 | C115366-2600D |
|                                                                                                           | F    | 340107274B NMB-A174  | C115366-2689D |
| <br>Gold               | E    | 340107215B NMBA      | C115366-2596C |
|                                                                                                           | A    | 340107216B NMBA      | C115366-2597C |
|                                                                                                           | B    | 340107217B NMBA      | C115366-2598C |
|                                                                                                           | C    | 340107218B NMBA      | C115366-2599C |
|                                                                                                           | D    | 340107219B NMBA      | C115366-2600C |
|                                                                                                           | F    | 340107274B NMB       | C115366-2689C |

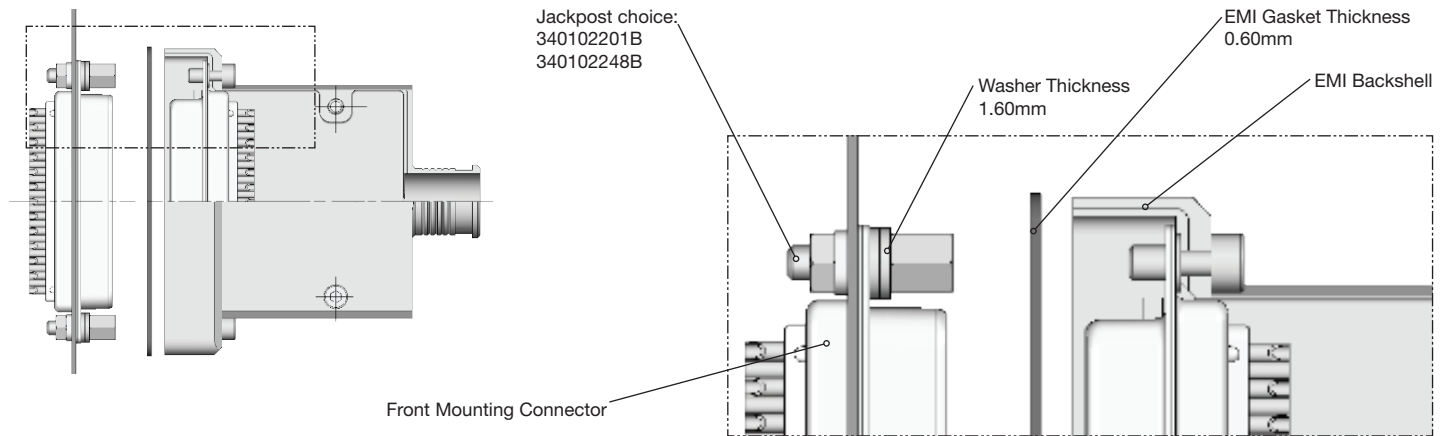


Dimensions shown in: mm  
Specifications and dimensions subject to change

## TOP CYLINDRICAL ENTRY - EMI APPLICATION FRONT MOUNTING



### MOUNTING RECOMMENDATION



| UNIVERSAL MALE SCREWLOCK - SLOTTED HEAD                                           | ESA/ESCC DESCRIPTION | C&K P/N       |
|-----------------------------------------------------------------------------------|----------------------|---------------|
|  | 340102287B NMB       | C115366-2408C |
| UNIVERSAL MALE SCREWLOCK - HEXAGONAL HOLE HEAD                                    | ESA/ESCC DESCRIPTION | C&K P/N       |
|  | 340102289B NMB       | C115366-2410C |

#### AMERICAS

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