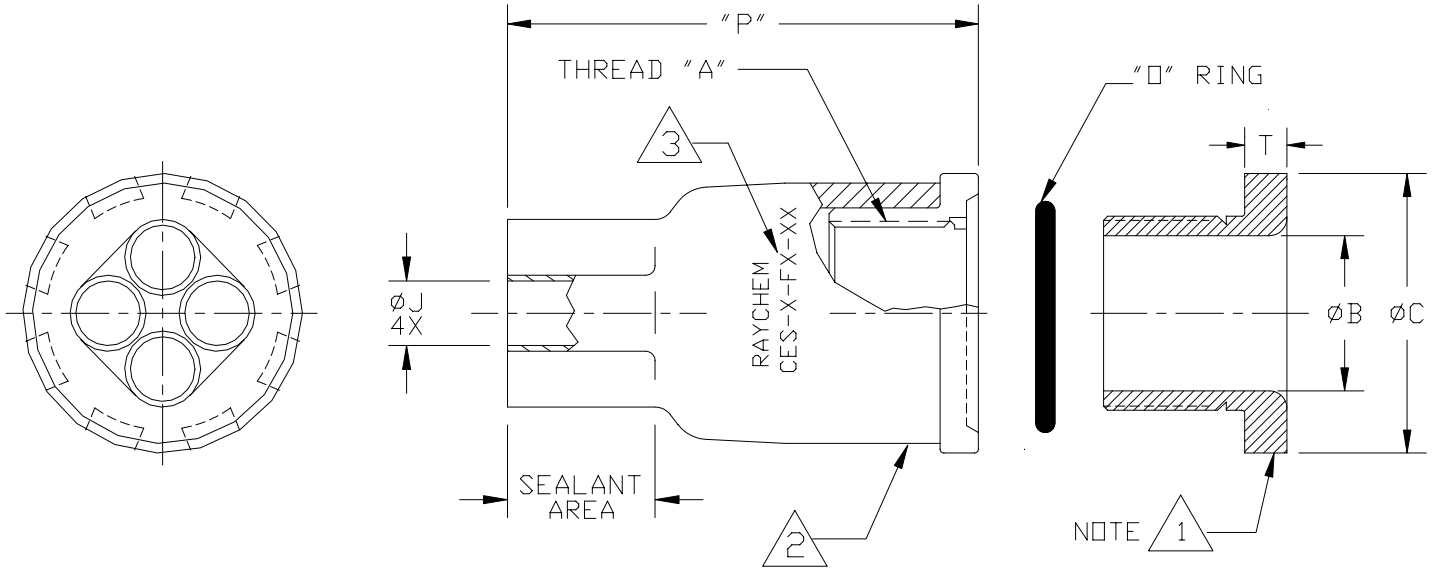


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REVISION

| REV | DESCRIPTION             | DATE    |
|-----|-------------------------|---------|
| D   | REVISED PER DCR MP03094 | 4/28/03 |



| PART NUMBER  | "A" THREAD   | ØB ±.02         | ØC REF           | ØJ              |               | P REF REC        | T REF         | PANEL THK <sup>△4</sup> |
|--------------|--------------|-----------------|------------------|-----------------|---------------|------------------|---------------|-------------------------|
|              |              |                 |                  | MIN EXP         | MAX REC       |                  |               |                         |
| CES-2-F1A-XX | 1-12 UNF     | .75<br>[19,05]  | 1.41<br>[35,82]  | .40<br>[10,16]  | .11<br>[2,79] | 2.25<br>[57,15]  | .21<br>[5,33] | 1/4<br>[6,35]           |
| CES-2-F1-XX  | 1-12 UNF     | .75<br>[19,05]  | 1.41<br>[35,82]  | .60<br>[15,24]  | .17<br>[4,31] | 2.75<br>[69,85]  | .21<br>[5,33] | 1/4<br>[6,35]           |
| CES-3-F1-XX  | 1 3/8-12 UNF | 1.10<br>[27,94] | 1.91<br>[48,52]  | .60<br>[15,24]  | .17<br>[4,31] | 2.75<br>[69,85]  | .31<br>[7,88] | 1/4<br>[6,35]           |
| CES-4-F1-XX  | 2-8 UN       | 1.56<br>[39,62] | 2.72<br>[69,09]  | .90<br>[22,86]  | .30<br>[7,62] | 3.15<br>[80,01]  | .31<br>[7,88] | 3/8<br>[9,65]           |
| CES-5-F4-XX  | 3 3/8-8 UN   | 2.90<br>[73,66] | 4.10<br>[104,14] | 1.25<br>[31,75] | .50<br>[12,7] | 4.50<br>[114,30] | .31<br>[7,88] | 1/2<br>[12,7]           |

NOTES:

1. THE LAST "XX" IN THE PART NUMBER DESIGNATES MATERIAL AS SHOWN BELOW:  
 "AL": ALUMINUM 6061 T-6 WITH FINISH OF HARD ANODIZE PER MIL-A-8625, TYPE III, CLASS 2, DYED BLACK.  
 "SS": STAINLESS STEEL TYPE 316, WITH FINISH OF PASSIVATE PER QQ-P-35, OR MIL-S-5002 FOR STANDARD BLACK NYLON MATERIAL, OMIT THE LAST "XX" IN THE PART NUMBER.
2. HEAT SHRINKABLE BOOT MATERIAL IN ACCORDANCE WITH -3 POLYOLEFIN
3. PART TO BE MARKED AS SHOWN, REPLACE X'S WITH APPROPRIATE CHARACTERS. (IE: CES-3-F1-AL).
4. THIS PART IS DESIGNED TO FIT THROUGH A BULKHEAD OR PANEL WITH A MAXIMUM WALL THICKNESS AS INDICATED IN TABLE.
5. FACTORY APPLIED HOT MELT ADHESIVE IS STANDARD.

| SPECIFICATION CONTROL DRAWING                   |                                                                                     |                                  |
|-------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|
| <b>tyco</b><br><b>Electronics</b>               | Tyco Electronics Corporation<br>300 Constitution Drive<br>Menlo Park, CA. USA 94025 | Product Brand:<br><b>Raychem</b> |
| TITLE<br>CABLE ENTRY SEALS<br>4 ENTRY, STANDARD |                                                                                     |                                  |
| SIZE<br>A                                       | CODE IDENT. NO.<br>06090                                                            | DWG. NO.<br>CES-X-FX-XX          |
| DO NOT SCALE THIS DRAWING                       |                                                                                     | SHEET 1 OF 1                     |

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