

# Molded Parts Specification Control Drawing

Part Number : 222K121 thru 185-25/225  
Description : Boot, 90°, With Lip

## NOTES

- All dimensions are in  $\frac{\text{inches}}{\text{millimeters}}$
- Dimensions appearing in table are as follows:  
a - As Supplied  
b - After Unrestricted Recovery
- Coating is optional. As supplied dimensions appearing in table are for uncoated parts. When coating is added, entry diameters will be reduced by .06 max.
- Molding parts are optional. When -00 modification number is specified molding parts will be located as shown.
- If eyelet clip (000W212) is required with part then add CS-1858 to description (i.e. 222K121-3-D-CS-1858)

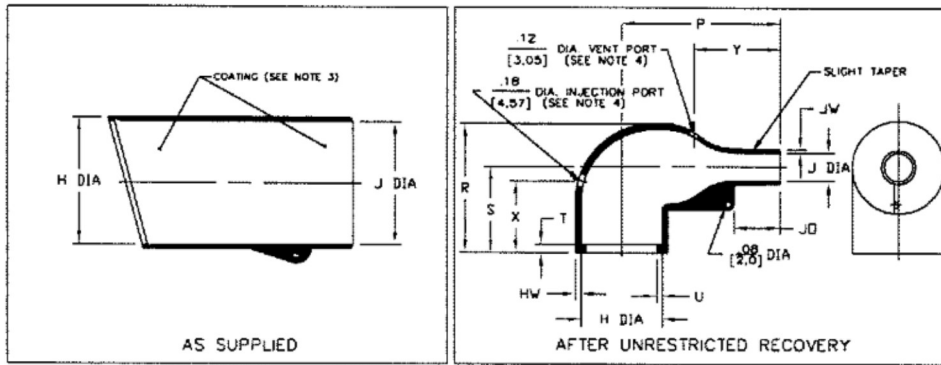


TABLE OF DIMENSIONS

| PART NUMBER    | H              |                | J              |               | P               | R              | S              | T            | U            | JO             | HW           | JW           | X              | Y              |
|----------------|----------------|----------------|----------------|---------------|-----------------|----------------|----------------|--------------|--------------|----------------|--------------|--------------|----------------|----------------|
|                | Min            | Max            | Min            | Max           | $\pm 10\%$      | $\pm 10\%$     | $\pm 10\%$     | $\pm 10\%$   | $\pm 10\%$   | $\pm 10\%$     | $\pm 20\%$   | $\pm 20\%$   | $\pm 20\%$     | $\pm 20\%$     |
|                | a              | b              | a              | b             | b               | b              | b              | b            | b            | b              | b            | b            | b              | b              |
| 222K121-25/225 | .95<br>[24,0]  | .41<br>[10,4]  | .95<br>[24,0]  | .22<br>[5,6]  | .98<br>[25,0]   | .98<br>[25,0]  | .75<br>[19,0]  | .12<br>[3,0] | .04<br>[1,0] | .33<br>[8,5]   | .05<br>[1,3] | .02<br>[0,5] | .71<br>[18,0]  | .83<br>[21,0]  |
| 222K132-25/225 | 1.18<br>[30,0] | .56<br>[14,2]  | 1.18<br>[30,0] | .23<br>[5,9]  | 1.26<br>[32,0]  | 1.06<br>[27,0] | .79<br>[20,0]  | .12<br>[3,0] | .04<br>[1,0] | .33<br>[8,5]   | .06<br>[1,5] | .03<br>[0,8] | .71<br>[18,0]  | .79<br>[20,0]  |
| 222K142-25/225 | 1.22<br>[31,0] | .71<br>[18,0]  | 1.22<br>[31,0] | .28<br>[7,1]  | 1.54<br>[39,0]  | 1.22<br>[31,0] | .83<br>[21,0]  | .12<br>[3,0] | .04<br>[1,0] | .59<br>[15,0]  | .07<br>[1,8] | .04<br>[1,0] | .71<br>[18,0]  | .79<br>[20,0]  |
| 222K152-25/225 | 1.42<br>[36,0] | .88<br>[22,4]  | 1.42<br>[36,0] | .33<br>[8,4]  | 1.81<br>[46,0]  | 1.50<br>[38,0] | 1.02<br>[26,0] | .12<br>[3,0] | .04<br>[1,0] | .63<br>[16,0]  | .07<br>[1,8] | .04<br>[1,0] | .98<br>[25,0]  | .98<br>[25,0]  |
| 222K163-25/225 | 1.69<br>[43,0] | 1.11<br>[28,2] | 1.69<br>[43,0] | .39<br>[9,9]  | 2.17<br>[55,0]  | 1.77<br>[45,0] | 1.18<br>[30,0] | .12<br>[3,0] | .07<br>[1,7] | .69<br>[17,5]  | .08<br>[2,0] | .04<br>[1,0] | .98<br>[25,0]  | 1.18<br>[30,0] |
| 222K174-25/225 | 2.36<br>[60,0] | 1.38<br>[35,1] | 2.36<br>[60,0] | .62<br>[15,7] | 3.15<br>[80,0]  | 2.13<br>[54,0] | 1.38<br>[35,0] | .12<br>[3,0] | .07<br>[1,7] | 1.26<br>[32,0] | .13<br>[3,3] | .06<br>[1,5] | .98<br>[25,0]  | 1.77<br>[45,0] |
| 222K185-25/225 | 2.69<br>[68,0] | 1.75<br>[44,5] | 2.69<br>[68,0] | .66<br>[16,6] | 4.25<br>[108,0] | 2.68<br>[68,0] | 1.65<br>[42,0] | .12<br>[3,0] | .08<br>[2,0] | 1.89<br>[48,0] | .15<br>[3,8] | .08<br>[2,0] | 1.38<br>[35,0] | 2.76<br>[70,0] |

**STE**  
TE Connectivity  
300 CONSTITUTION DRIVE  
MENLO PARK, CALIFORNIA 94025

Revision : D1  
Date : 28MAR11

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| COMPATABILITY CHART |                            |         |                   |               |                     |
|---------------------|----------------------------|---------|-------------------|---------------|---------------------|
| MATERIAL DASH NO.   | MATERIAL DESCRIPTION       | RT SPEC | COATING SLASH NO. | COATING S NO. | COATING DESCRIPTION |
| -25                 | Elastomer, Fluid Resistant | RT-1325 | /225              | S-1206        | Adhesive            |
|                     |                            |         |                   |               |                     |
|                     |                            |         |                   |               |                     |

ORDERING INFORMATION

222K1XX -25 -XX /225

Base part number \_\_\_\_\_

Material dash number \_\_\_\_\_  
(See Compatibility Chart)

Modification number \_\_\_\_\_  
(if necessary, see front of scd binder for a complete list)

Adhesive slash number \_\_\_\_\_  
(if necessary, see Compatibility Chart)

THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE. CONSULT YOUR NEAREST FIELD REPRESENTATIVE FOR CURRENT REVISION

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CAD FILE MP03030

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