

Thermofit®  
Molded Parts  
Specification Control Drawing

Part Number : 222D121 thru 196  
Description : Boot, 90°, With Lip

NOTES

1. All dimensions are in  $\frac{\text{inches}}{\text{[millimeters]}}$
2. Dimensions appearing in table are as follows:  
a - As Supplied  
b - After Unrestricted Recovery
3. 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.
4. Molding ports are optional. When -00 modification number is specified molding ports will be located as shown.
- \* 5. -8 material is not available on 222D185 and 222D196.



TABLE OF DIMENSIONS

| PART NUMBER | H                   |                |                | J                   |                       |                       |                | P               | R              | S              | T            | U            | JO             | W            | K              | L              |
|-------------|---------------------|----------------|----------------|---------------------|-----------------------|-----------------------|----------------|-----------------|----------------|----------------|--------------|--------------|----------------|--------------|----------------|----------------|
|             | Min<br>-8,-100<br>a | Min<br>a       | Max<br>b       | Min<br>-8,-100<br>a | Min<br>-3,-4,-25<br>a | Min<br>-5,-6,-12<br>a | Max<br>b       |                 |                |                |              |              |                |              |                |                |
| 222D121     | .94<br>[24,0]       | .92<br>[23,4]  | .41<br>[10,4]  | .55<br>[14,0]       | .92<br>[23,4]         | .49<br>[12,4]         | .22<br>[5,6]   | .84<br>[21,3]   | .89<br>[22,6]  | .65<br>[16,5]  | .12<br>[3,0] | .04<br>[1,0] | .23<br>[5,8]   | .05<br>[1,3] | .60<br>[15,2]  | .58<br>[14,7]  |
| 222D132     | 1.18<br>[30,0]      | 1.12<br>[28,4] | .56<br>[14,2]  | .59<br>[15,0]       | 1.12<br>[28,4]        | .58<br>[14,7]         | .26<br>[6,6]   | 1.33<br>[33,8]  | 1.07<br>[27,2] | .76<br>[19,3]  | .12<br>[3,0] | .04<br>[1,0] | .65<br>[15,5]  | .06<br>[1,5] | .75<br>[19,1]  | .98<br>[24,9]  |
| 222D142     | 1.22<br>[31,0]      | 1.22<br>[31,0] | .70<br>[17,8]  | .71<br>[18,0]       | 1.22<br>[31,0]        | .63<br>[16,0]         | .28<br>[7,1]   | 1.44<br>[36,6]  | 1.22<br>[31,0] | .83<br>[21,1]  | .12<br>[3,0] | .04<br>[1,0] | .50<br>[12,7]  | .07<br>[1,8] | .75<br>[19,1]  | .98<br>[24,9]  |
| 222D152     | 1.42<br>[36,0]      | 1.42<br>[36,0] | .88<br>[22,4]  | .83<br>[21,0]       | 1.42<br>[36,0]        | .73<br>[18,5]         | .33<br>[8,4]   | 1.72<br>[43,7]  | 1.38<br>[35,1] | .90<br>[22,9]  | .12<br>[3,0] | .04<br>[1,0] | .57<br>[14,5]  | .07<br>[1,8] | .75<br>[19,1]  | 1.18<br>[30,0] |
| 222D163     | 1.69<br>[43,0]      | 1.68<br>[42,7] | 1.11<br>[28,2] | .98<br>[25,0]       | 1.68<br>[42,7]        | .87<br>[22,1]         | .39<br>[9,9]   | 2.11<br>[53,6]  | 1.73<br>[43,9] | 1.14<br>[29,0] | .12<br>[3,0] | .07<br>[1,7] | .69<br>[17,5]  | .08<br>[2,0] | .76<br>[19,3]  | 1.30<br>[33,0] |
| 222D174     | 2.05<br>[52,0]      | 2.04<br>[51,8] | 1.38<br>[35,1] | 1.54<br>[39,0]      | 2.04<br>[51,8]        | 1.39<br>[35,3]        | .62<br>[15,7]  | 3.07<br>[78,0]  | 2.08<br>[52,8] | 1.32<br>[33,5] | .12<br>[3,0] | .07<br>[1,7] | 1.32<br>[33,5] | .13<br>[3,3] | 1.00<br>[25,4] | 2.12<br>[53,8] |
| * 222D185   | 2.60<br>[66,0]      | 2.60<br>[66,0] | 1.75<br>[44,5] | 1.65<br>[42,0]      | 2.60<br>[66,0]        | 1.80<br>[45,7]        | .80<br>[20,3]  | 3.84<br>[97,5]  | 2.60<br>[66,0] | 1.64<br>[41,7] | .12<br>[3,0] | .08<br>[2,0] | 1.58<br>[40,1] | .15<br>[3,8] | 1.00<br>[25,4] | 2.80<br>[71,1] |
| * 222D196   | 3.22<br>[81,8]      | 3.22<br>[81,8] | 2.38<br>[60,5] | 2.25<br>[57,2]      | 3.22<br>[81,8]        | 2.25<br>[57,2]        | 1.00<br>[25,4] | 4.64<br>[117,9] | 3.30<br>[83,8] | 2.03<br>[51,6] | .12<br>[3,0] | .08<br>[2,0] | 1.50<br>[38,1] | .16<br>[4,1] | 1.00<br>[25,4] | 3.15<br>[80,0] |

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**STE** TE Connectivity  
300 Constitution Drive,  
Menlo Park, CA 94025

Revision : R1  
Date : 20APR11

Part Number : 222D121 thru 196  
Description : Boot, 90°, With Lip

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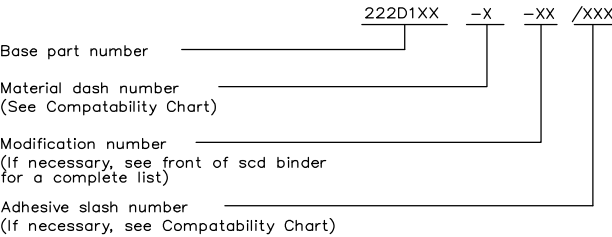
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COMPATABILITY CHART

| MATERIAL DASH NO. | MATERIAL DESCRIPTION                  | RT SPEC | COATING SLASH NO. | COATING S NO.        | COATING DESCRIPTION |
|-------------------|---------------------------------------|---------|-------------------|----------------------|---------------------|
| -3                | Polyolefin, Semi-rigid                | RT-301  | /42;/86;/180      | S-1017;S-1048;S-1030 | Adhesive            |
| -4                | Polyolefin, Flexible                  | RT-1304 | /42;/86;/180      | S-1017;S-1048;S-1030 | Adhesive            |
| -5                | Elastomer, Flexible                   | RT-501  | N/A               |                      |                     |
| -6                | Silicone                              | RT-602  | N/A               |                      |                     |
| -8                | Polyolefin, Space                     | RT-1308 | N/A               |                      |                     |
| -12               | *VITON, Flexible                      | RT-1312 | N/A               |                      |                     |
| -25               | Elastomer, Fluid Resistant            | RT-1325 | /86;/225          | S-1048;S-1206        | Adhesive            |
| -100              | Polyolefin, Semi-flexible<br>ZEROHAL™ | RT-1323 | /86;/180;/184     | S-1048;S-1030        | Adhesive            |

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