

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] |

IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED.  
CHECK FOR THE LATEST REVISION.

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

Revision : R1  
Date : 20APR11

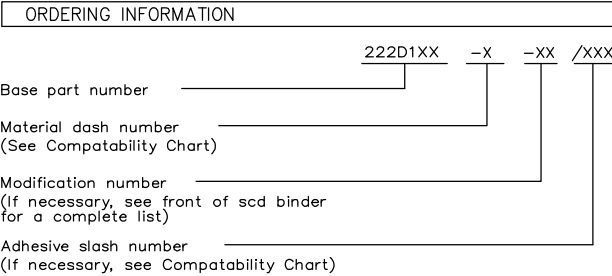
Part Number : 222D121 thru 196  
Description : Boot, 90°, With Lip

Thermofit® Molded Parts  
Specification Control Drawing

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

| 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            |

\*VITON is a Registered Trademark of Dupont



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

IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED.  
CHECK FOR THE LATEST REVISION.

**STE** TE Connectivity  
300 Constitution Drive,  
Menlo Park, CA 94025  
IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED.  
CHECK FOR THE LATEST REVISION.

Revision : R1  
Date : 20APR11

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[222D132-25/225-0](#)