

# Thermofit Molded Parts Specification Control Drawing

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

## NOTES

1. All dimensions are in inches [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.

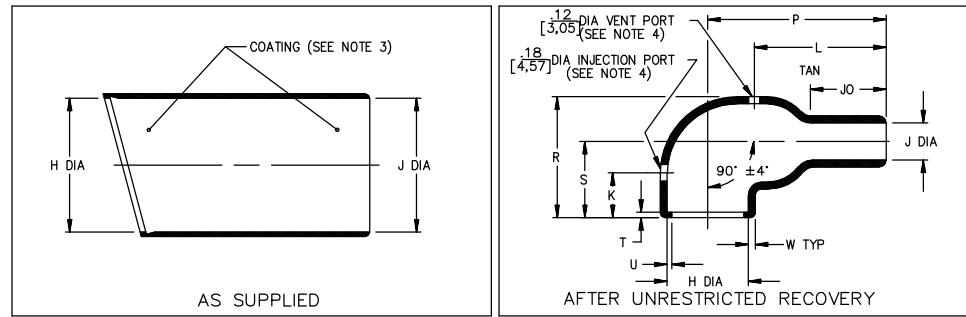


TABLE OF DIMENSIONS

PART NUMBER	H			J				P ±10% b	R Ref b	S Ref b	T Ref b	U Ref b	JO ±10% b	W ±20% b	K ±10% b	L ±10% b
	Min -8,-100 a	Min a	Max b	Min -8,-100 a	Min -3,-4,-25 a	Min -5,-6,-12 a	Max b									
222D121	.94 [24.0]	.92 [23.4]	.41 [10.4]	.55 [14.0]	.92 [23.4]	.49 [12.4]	.22 [5.6]	.84 [21.3]	.89 [22.6]	.65 [16.5]	.12 [3.0]	.04 [1.0]	.23 [5.8]	.05 [1.3]	.60 [15.2]	.58 [14.7]
222D132	1.18 [30.0]	1.12 [28.4]	.56 [14.2]	.59 [15.0]	1.12 [28.4]	.58 [14.7]	.26 [6.6]	1.33 [33.8]	1.07 [27.2]	.76 [19.3]	.12 [3.0]	.04 [1.0]	.65 [15.5]	.06 [1.5]	.75 [19.1]	.98 [24.9]
222D142	1.22 [31.0]	1.22 [31.0]	.70 [17.8]	.71 [18.0]	1.22 [31.0]	.63 [16.0]	.28 [7.1]	1.44 [36.6]	1.22 [31.0]	.83 [21.1]	.12 [3.0]	.04 [1.0]	.50 [12.7]	.07 [1.8]	.75 [19.1]	.98 [24.9]
222D152	1.42 [36.0]	1.42 [36.0]	.88 [22.4]	.83 [21.0]	1.42 [36.0]	.73 [18.5]	.33 [8.4]	1.72 [43.7]	1.38 [35.1]	.90 [22.9]	.12 [3.0]	.04 [1.0]	.57 [14.5]	.07 [1.8]	.75 [19.1]	1.18 [30.0]
222D163	1.69 [43.0]	1.68 [42.7]	1.11 [28.2]	.98 [25.0]	1.68 [42.7]	.87 [22.1]	.39 [9.9]	2.11 [53.6]	1.73 [43.9]	1.14 [29.0]	.12 [3.0]	.07 [1.7]	.69 [17.5]	.08 [2.0]	.76 [19.3]	.98 [33.0]
222D174	2.05 [52.0]	2.04 [51.8]	1.38 [35.1]	1.54 [39.0]	2.04 [51.8]	1.39 [35.3]	.62 [15.7]	3.07 [78.0]	2.08 [52.8]	1.32 [33.5]	.12 [3.0]	.07 [1.7]	1.32 [33.5]	.13 [3.3]	1.00 [25.4]	2.12 [53.8]
222D185	2.60 [66.0]	2.60 [66.0]	1.75 [44.5]	1.65 [42.0]	2.60 [66.0]	1.80 [45.7]	.80 [20.3]	3.84 [97.5]	2.60 [66.0]	1.64 [41.7]	.12 [3.0]	.08 [2.0]	1.58 [40.1]	.15 [3.8]	1.00 [25.4]	2.80 [71.1]
222D196	3.22 [81.8]	3.22 [81.8]	2.38 [60.5]	2.25 [57.2]	3.22 [81.8]	2.25 [57.2]	1.00 [25.4]	4.64 [117.9]	3.30 [83.8]	2.03 [51.6]	.12 [3.0]	.08 [2.0]	1.50 [38.1]	.16 [4.1]	1.00 [25.4]	3.15 [80.0]

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300 Constitution Drive,  
Menlo Park, CA 94025

Revision : R1

Date : 20APR11

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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 ZEROHAL™	RT-1323	/86;/180;/184	S-1048;S-1030	Adhesive

\*VITON is a Registered Trademark of Dupont

## ORDERING INFORMATION

222D1XX -X -XX /XXX

Base part number

Material dash number  
(See Compatability Chart)

Modification number  
(If necessary, see front of scd binder  
for a complete list)

Adhesive slash number  
(If necessary, see Compatability Chart)

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CAD FILE MP00112

# Mouser Electronics

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