

# Thermofit Molded Parts Specification Control Drawing

Part Number : 222D121 thru 196  
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 ports are optional. When -00 modification number is specified molding ports will be located as shown.
- \* -8 material is not available on 222D185 and 222D196.

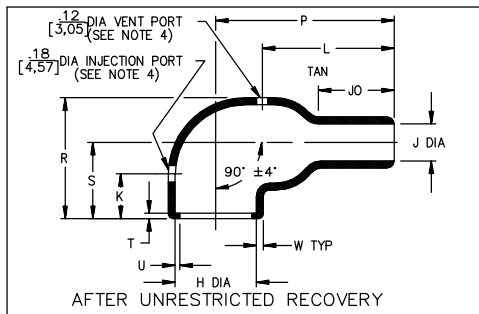


TABLE OF DIMENSIONS

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]	1.30 [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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**STE** TE Connectivity  
300 Constitution Drive,  
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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 Compatibility Chart)  
Modification number \_\_\_\_\_  
(If necessary, see front of scd binder for a complete list)  
Adhesive slash number \_\_\_\_\_  
(If necessary, see Compatibility Chart)

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CAD FILE MP00112

# Mouser Electronics

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