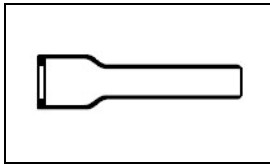


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TE Internal Number: 814408-000



Active

Molded Parts Always EU RoHS/ELV Compliant (Statement of Compliance)**Product Highlights:**

- Molded Part Type = Molded Boot
- Family Name = 202D2
- Straight
- General Purpose Application
- Entry Size, Braided or Magneform Adapter = 16, 18

[View all Features](#)**Quick Links**

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- ▶ [Product Feature Selector](#)
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[Add to My Part List](#)[Request Sample](#)[Find Similar Products](#)[Buy Product](#)**Documentation & Additional Information****Product Drawings:**

- [Boot, Straight, with Lip](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

[List all Documents](#)**Additional Information:**

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)**Product Type Features:**

- [Molded Part Type](#) = Molded Boot
- [Family Name](#) = 202D2
- Angle = Straight
- Adhesive Description = Adhesive Purchased Separately.
- Size = 53

Mechanical Attachment:

- Adhesive Pre-Coating = Without

Dimensions:

- Adapter Entry Size Outside Diameter (Min-Max) (mm [in]) = 29.50 – 37.30 [1.161 – 1.469]
- Cable Diameter Range (mm [in]) = 10.40 – 23.10 [0.409 – 0.909]

Body Features:

- Material = Polyolefin Flexible Modified

Housing Features:

- Entry Size, Braided or Magneform Adapter = 16, 18
- Entry Size, Tinel-Lock Adapter = 14, 16, 18
- Entry Size - Solid or Fixed Adapter = 10 – 12
- Entry Size - Spin Coupling Adapter = 16 – 20
- [Material Systems Code](#) = 10

Configuration Features:

- Material Code = 4

Industry Standards:

- Government/Industry Qualification = No
- Approved Standards = DEF Std 59-97 Issue 3 Type DA, MIL-I-81765/2 Class II, UL224 E85831
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Environmental:

- Operating Temperature (°C) = -55 – +135

Operation/Application:

- Application = General Purpose

Purchasing Information:

- Adhesive Code = S1125

Other:

- Brand = Raychem
- Comment = Contact Raychem for additional adhesive and/or cut off boot length information

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Thermofit[®] Molded Parts
Specification Control Drawing

Part Number : 202D211 thru 299
Description : Boot, Straight 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.

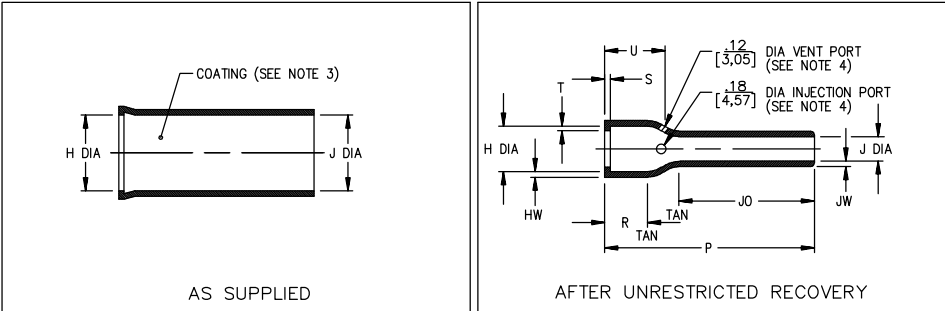


TABLE OF DIMENSIONS													
PART NUMBER	H		J			P	JO	R	S	T	U	HW	JW
	Min	Max	Min	Min	Max	±10%	±10%	Ref	Ref	Ref	±10%	±20%	±20%
	a	b	$\frac{-13}{-30}a$	$\frac{-5}{-12}a$	b	b	b	b	b	b	b	b	b
202D211	$\frac{.88}{[22,4]}$	$\frac{.45}{[11,4]}$	$\frac{.88}{[22,4]}$	$\frac{.55}{[14,0]}$	$\frac{.25}{[6,4]}$	$\frac{4.17}{[105,9]}$	$\frac{3.40}{[86,4]}$	$\frac{.46}{[11,7]}$	$\frac{.12}{[3,0]}$	$\frac{.04}{[1,0]}$	$\frac{.56}{[14,2]}$	$\frac{.06}{[1,52]}$	$\frac{.045}{[1,14]}$
202D221	$\frac{1.01}{[25,7]}$	$\frac{.59}{[15,0]}$	$\frac{1.01}{[25,7]}$	$\frac{.63}{[16,0]}$	$\frac{.29}{[7,4]}$	$\frac{4.77}{[121,2]}$	$\frac{3.88}{[98,6]}$	$\frac{.48}{[12,2]}$	$\frac{.12}{[3,0]}$	$\frac{.04}{[1,0]}$	$\frac{.59}{[15,0]}$	$\frac{.06}{[1,52]}$	$\frac{.045}{[1,14]}$
202D232	$\frac{1.16}{[29,5]}$	$\frac{.74}{[18,8]}$	$\frac{1.16}{[29,5]}$	$\frac{.72}{[18,3]}$	$\frac{.33}{[8,4]}$	$\frac{5.46}{[138,7]}$	$\frac{4.44}{[112,8]}$	$\frac{.48}{[12,2]}$	$\frac{.12}{[3,0]}$	$\frac{.04}{[1,0]}$	$\frac{.61}{[15,5]}$	$\frac{.07}{[1,78]}$	$\frac{.045}{[1,14]}$
202D242	$\frac{1.34}{[34,0]}$	$\frac{.90}{[22,9]}$	$\frac{1.34}{[34,0]}$	$\frac{.84}{[21,3]}$	$\frac{.38}{[9,7]}$	$\frac{6.28}{[159,5]}$	$\frac{5.15}{[130,8]}$	$\frac{.48}{[12,2]}$	$\frac{.12}{[3,0]}$	$\frac{.04}{[1,0]}$	$\frac{.62}{[15,7]}$	$\frac{.07}{[1,78]}$	$\frac{.045}{[1,14]}$
202D253	$\frac{1.47}{[37,3]}$	$\frac{1.16}{[29,5]}$	$\frac{1.47}{[37,3]}$	$\frac{.91}{[23,1]}$	$\frac{.41}{[10,4]}$	$\frac{7.00}{[177,8]}$	$\frac{5.60}{[142,2]}$	$\frac{.55}{[14,0]}$	$\frac{.12}{[3,0]}$	$\frac{.065}{[1,65]}$	$\frac{.71}{[18,0]}$	$\frac{.08}{[2,0]}$	$\frac{.045}{[1,14]}$
202D263	$\frac{1.72}{[43,7]}$	$\frac{1.34}{[34,0]}$	$\frac{1.72}{[43,7]}$	$\frac{1.07}{[27,2]}$	$\frac{.48}{[12,2]}$	$\frac{8.00}{[203,2]}$	$\frac{6.42}{[163,1]}$	$\frac{.60}{[15,2]}$	$\frac{.12}{[3,0]}$	$\frac{.065}{[1,65]}$	$\frac{.78}{[19,8]}$	$\frac{.08}{[2,0]}$	$\frac{.045}{[1,14]}$
202D274	$\frac{1.97}{[50,0]}$	$\frac{1.62}{[41,2]}$	$\frac{1.97}{[50,0]}$	$\frac{1.24}{[31,5]}$	$\frac{.56}{[14,2]}$	$\frac{8.00}{[203,2]}$	$\frac{6.21}{[157,7]}$	$\frac{.60}{[15,2]}$	$\frac{.12}{[3,0]}$	$\frac{.065}{[1,65]}$	$\frac{.82}{[20,8]}$	$\frac{.09}{[2,3]}$	$\frac{.055}{[1,40]}$
202D285	$\frac{2.47}{[62,7]}$	$\frac{1.85}{[47,0]}$	$\frac{2.47}{[62,7]}$	$\frac{1.54}{[39,1]}$	$\frac{.69}{[17,5]}$	$\frac{8.00}{[203,2]}$	$\frac{6.03}{[153,2]}$	$\frac{.63}{[16,0]}$	$\frac{.12}{[3,0]}$	$\frac{.08}{[2,0]}$	$\frac{.92}{[23,4]}$	$\frac{.10}{[2,5]}$	$\frac{.055}{[1,40]}$
202D296	$\frac{2.73}{[69,3]}$	$\frac{2.35}{[59,7]}$	$\frac{2.73}{[69,3]}$	$\frac{1.70}{[43,2]}$	$\frac{.77}{[19,6]}$	$\frac{8.00}{[203,2]}$	$\frac{5.64}{[143,3]}$	$\frac{.63}{[16,0]}$	$\frac{.12}{[3,0]}$	$\frac{.08}{[2,0]}$	$\frac{.93}{[23,6]}$	$\frac{.10}{[2,5]}$	$\frac{.055}{[1,40]}$
202D299	$\frac{3.22}{[81,8]}$	$\frac{2.64}{[67,1]}$	$\frac{3.22}{[81,8]}$	$\frac{2.01}{[51,1]}$	$\frac{.90}{[22,9]}$	$\frac{8.00}{[203,2]}$	$\frac{5.45}{[138,4]}$	$\frac{.63}{[16,0]}$	$\frac{.12}{[3,0]}$	$\frac{.08}{[2,0]}$	$\frac{1.23}{[31,2]}$	$\frac{.10}{[2,5]}$	$\frac{.055}{[1,40]}$



Revision : N1
Date : 29MAR11

Part Number : 202D211 thru 299
Description : Boot, Straight With Lip

Thermofit[®] Molded Parts
Specification Control Drawing

Part Number : 202D211 thru 299
Description : Boot, Straight 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	Neoprene	RT-501	/42	S-1017	
-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	/42;/86	S-1017;S-1048	Adhesive
-130	Polyolefin, Flexible	RW-2008	/42;/86	S-1017;S-1048	Adhesive
-100	Polyolefin, Semi-flexible ZEROHAL™	RT-1323	/86;/184	S-1048;S-1030	Adhesive

*VITON is a Registered Trademark of Dupont

ORDERING INFORMATION

202D211

-XXX

-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)

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



Revision : N1
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