

Molded Parts Specification Control Drawing

Part Number : 228A011 thru 097
Description : Boot, 90°, Thick Wall

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.
- On sizes 228A011 & 021 the .18 dia molding port will be eliminated. The .12 dia molding port on top of part will be enlarged to .18 dia.

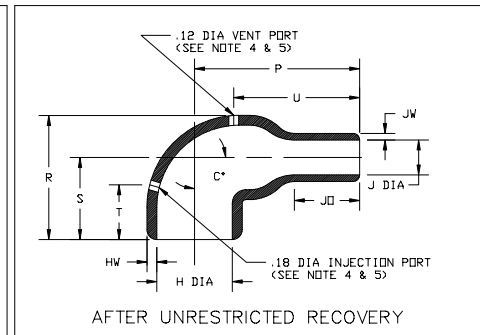
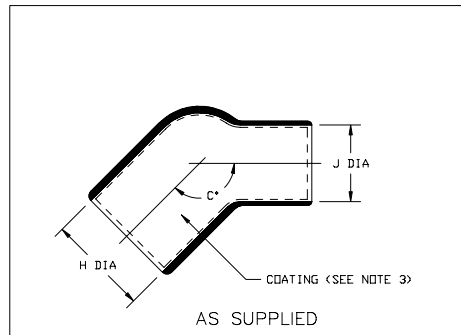


TABLE OF DIMENSIONS

PART NUMBER	H		J		P	R	S	JO	T	U	HW	JW	C*	
	Min a	Max b	Min a	Max b	±10%	±10%	±10%	±10%	±10%	±10%	±20%	±20%	±10° b	±5° b
228A011	.42 [10,7]	.31 [7,9]	.18 [4,6]	.08 [2,0]	.80 [20,3]	.80 [20,3]	.63 [16,0]	.20 [5,1]	N/A	.50 [12,7]	.05 [1,3]	.04 [1,0]	135°	90°
228A021	.54 [13,7]	.41 [10,4]	.26 [6,6]	.12 [3,0]	1.00 [25,4]	.91 [23,1]	.66 [16,8]	.30 [7,6]	N/A	.64 [16,3]	.06 [1,5]	.04 [1,0]	135°	90°
228A032	.76 [19,3]	.56 [14,2]	.32 [8,2]	.16 [4,1]	1.16 [29,5]	1.01 [25,7]	.76 [19,3]	.32 [8,1]	.58 [14,7]	.65 [16,5]	.09 [2,3]	.07 [1,8]	135°	90°
228A042	.94 [23,9]	.70 [17,8]	.46 [11,7]	.22 [5,6]	1.56 [39,6]	1.30 [33,0]	.86 [21,8]	.37 [9,4]	.66 [16,8]	.81 [20,6]	.11 [2,8]	.04 [1,0]	135°	90°
228A053	1.18 [30,0]	.88 [22,4]	.58 [14,7]	.28 [7,1]	1.89 [48,0]	1.52 [38,6]	.97 [24,6]	.49 [12,4]	.70 [17,8]	1.12 [28,4]	.14 [3,6]	.05 [1,3]	135°	90°
228A064	1.49 [37,8]	1.11 [28,2]	.75 [19,1]	.36 [9,1]	2.33 [59,2]	1.93 [49,0]	1.24 [31,6]	.65 [16,5]	.90 [22,9]	1.30 [33,0]	.18 [4,6]	.07 [1,8]	135°	90°
228A075	1.85 [47,0]	1.38 [35,1]	1.40 [35,6]	.64 [16,3]	3.20 [81,3]	2.17 [55,1]	1.41 [35,8]	1.20 [30,5]	1.00 [25,4]	2.30 [58,4]	.18 [4,6]	.12 [3,0]	135°	90°
228A086	2.34 [59,4]	1.75 [44,5]	1.72 [43,7]	.82 [20,8]	4.06 [103,1]	2.88 [73,2]	1.78 [45,2]	1.57 [39,9]	1.25 [31,8]	2.86 [72,6]	.28 [7,1]	.19 [4,8]	135°	90°
228A097	3.20 [81,3]	2.25 [57,2]	2.19 [55,6]	1.05 [26,7]	5.26 [133,6]	3.50 [88,9]	2.09 [53,1]	1.90 [48,3]	1.40 [35,6]	3.40 [86,4]	.37 [9,4]	.22 [5,6]	135°	90°

tyco Electronics Raychem

TYCO ELECTRONICS
307 CONSTITUTION DRIVE
MENLO PARK, CALIFORNIA 94025

Revision : K
Date : 3/26/02

Part Number : 228A011 thru 097
Description : Boot, 90°, Thick Wall

Molded Parts Specification Control Drawing

Part Number : 228A011 thru 097
Description : Boot, 90°, Thick Wall

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	S-1017, S-1048	Adhesive
-4	Polyolefin, Flexible	RT-1304	/42, /86	S-1017, S-1048	Adhesive
-5	Neoprene	RT-501	N/A		
-6	Silicone	RT-602	N/A		
-25	Elastomer, Fluid Resistant	RT-1325	/42, /86	S-1017, S-1048	Adhesive

ORDERING INFORMATION

Base part number 228A0XX -X -XX /XX
 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)

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

tyco Electronics Raychem

TYCO ELECTRONICS
307 CONSTITUTION DRIVE
MENLO PARK, CALIFORNIA 94025

Revision : K
Date : 3/26/02

Part Number : 228A011 thru 097
Description : Boot, 90°, Thick Wall

CAD FILE MP02041

**If this document is printed it becomes uncontrolled.
Check for the latest revision.**

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[228A032-3/42-0](#)