

NOTES:

1. ALL DIMENSIONS ARE IN $\frac{\text{INCHES}}{[\text{MILLIMETERS}]}$; $\frac{\text{LBS}}{[\text{GRAMS}]}$

2. DIMENSIONS APPEARING IN TABLE ARE AS FOLLOWS:

- a AS SUPPLIED
b AFTER UNRESTRICTED RECOVERY

3. COATING (ADHESIVE) 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.

ON SIZES 222A111 AND 222A121 THE 0.18 INCH DIAMETER MOLDING PORT AT "T" WILL BE ELIMINATED. THE 0.12" DIA MOLDING PORT WILL BE ENLARGED TO 0.18 INCHES

5. WEIGHT SHOWN IN TABLE OF DIMENSIONS IS BASED ON POLYOLEFIN PART

6. ORDERING INFORMATION $\frac{222A1XX}{\text{BASE PART NUMBER}}$ $\frac{-XX}{\text{MATERIAL DASH NUMBER}}$ $\frac{-XX}{\text{MODIFICATION NUMBER}}$ $\frac{/XXX}{\text{ADHESIVE SLASH NUMBER}}$ $\frac{/0}{\text{COLOR DESIGNATOR}}$

BASE PART NUMBER

MATERIAL DASH NUMBER

- 3 POLYOLEFIN, SEMI RIGID (RT-301)
-4 POLYOLEFIN, FLEXIBLE (RT-1304)
-5 ELASTOMER, FLEXIBLE (RT-501)
-6 SILICONE (RT-602)
-8 POLYOLEFIN, SPACE (RT-1308)
-12 FLUORO ELASTOMER, FLEXIBLE (RT-1312)
-25 ELASTOMER, FLUID RESISTANT (RT-1325)
-100 POLYOLEFIN, SEMI-FLEXIBLE ZEROHAL (RT-1323)

MODIFICATION NUMBER

ADHESIVE SLASH NUMBER

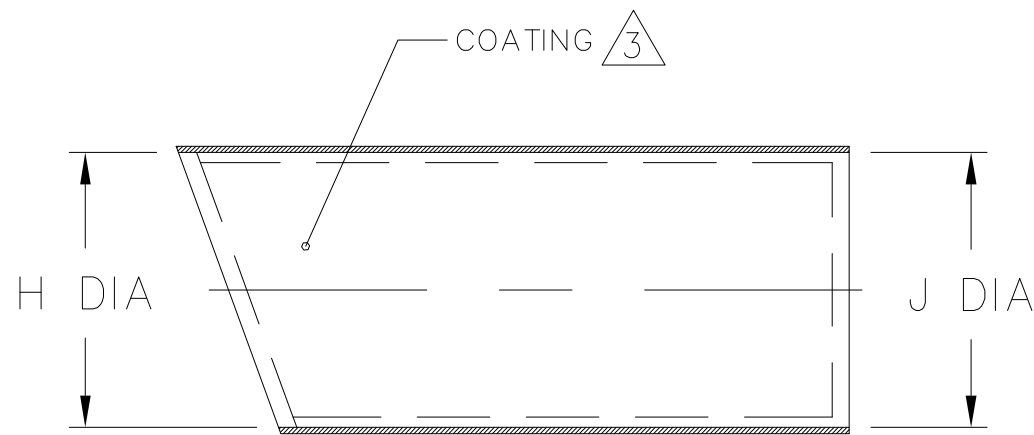
SEE COMPATIBILITY CHART BELOW

COLOR DESIGNATOR

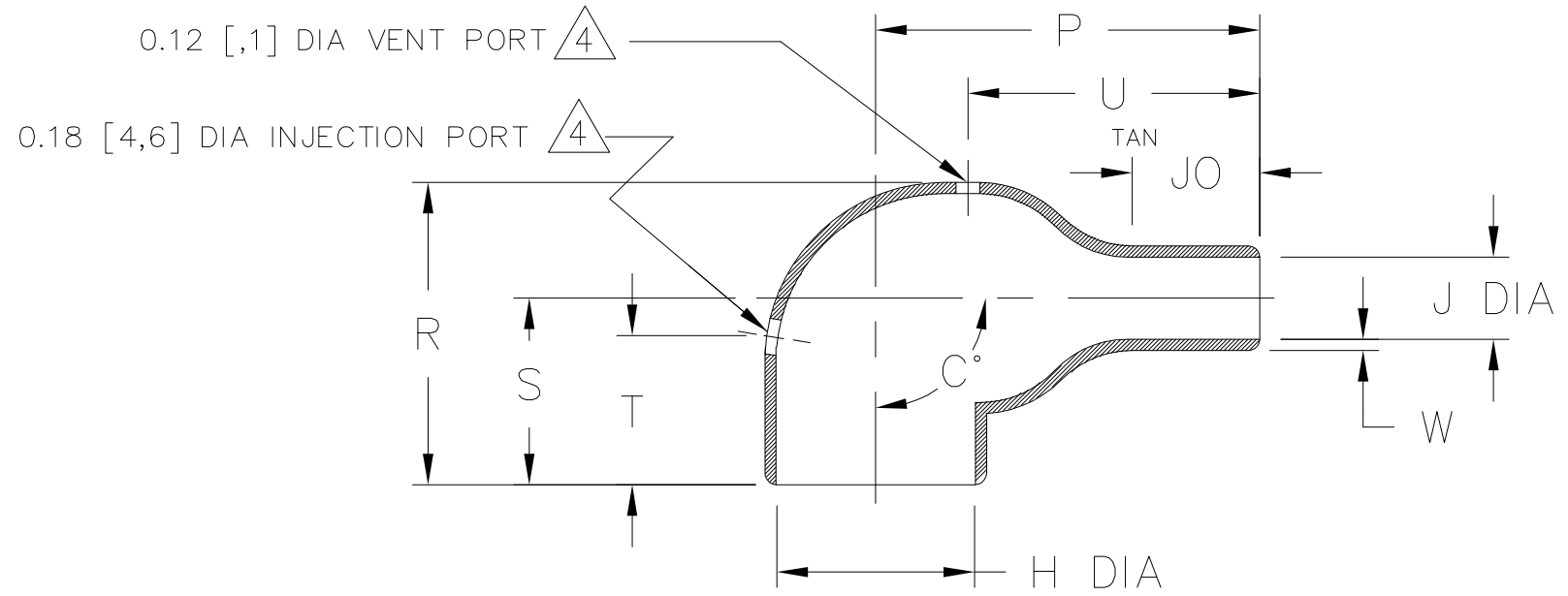
IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED. CHECK FOR THE LATEST REVISION.

COMPATIBILITY CHART

MATERIAL DASH NO.	ADHESIVE (COATING) SLASH NO.	ADHESIVE (COATING) S NO.
-3; -4	/42; /86	S-1017; S-1048;
-5	/42	S-1017
-6; -8; -12	NOT APPLICABLE	N/A
-25	/42; /86; /225	S-1017; S-1048; S-1206
-100	/86; /180; /184	S-1017; S-1030



AS SUPPLIED

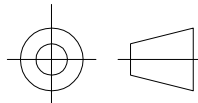


AFTER UNRESTRICTED RECOVERY

TABLE OF DIMENSIONS

PART DESCRIPTION	H			J				P	R	S	T	U	JO	W	C°		WEIGHT REF
	MIN -3,-4,-5,-6 -12,-25,-100 a	MIN -8 a	MAX b	MIN -3,-4 -6,-25 a	MIN -5,-8 -100 a	MIN -12 a	MAX b	±10% b	±10% b	±10% b	±10% b	±10% b	±10% b	±20% b	±10% a	±5% b	b
222A111	$\frac{.70}{[17,8]}$	$\frac{.43}{[10,9]}$	$\frac{.31}{[7,9]}$	$\frac{.70}{[17,8]}$	$\frac{.43}{[10,9]}$	$\frac{.39}{[9,9]}$	$\frac{.15}{[3,8]}$	$\frac{.68}{[17,3]}$	$\frac{.79}{[20,1]}$	$\frac{.61}{[15,5]}$	N/A	$\frac{.45}{[11,4]}$	$\frac{.17}{[4,3]}$	$\frac{.04}{[1,02]}$	180	90	$\frac{.002}{[0,91]}$
222A121	$\frac{.98}{[24,9]}$	$\frac{.63}{[16,0]}$	$\frac{.40}{[10,2]}$	$\frac{.98}{[24,9]}$	$\frac{.63}{[16,0]}$	$\frac{.71}{[18,0]}$	$\frac{.21}{[5,3]}$	$\frac{.84}{[21,3]}$	$\frac{.89}{[22,6]}$	$\frac{.65}{[16,5]}$	N/A	$\frac{.58}{[14,7]}$	$\frac{.23}{[5,8]}$	$\frac{.05}{[1,3]}$	180	90	$\frac{.003}{[1,36]}$
222A132	$\frac{1.18}{[30,0]}$	$\frac{.83}{[21,1]}$	$\frac{.56}{[14,2]}$	$\frac{1.18}{[30,0]}$	$\frac{.83}{[21,1]}$	$\frac{.81}{[20,6]}$	$\frac{.25}{[6,4]}$	$\frac{1.06}{[26,9]}$	$\frac{1.05}{[26,7]}$	$\frac{.73}{[18,5]}$	$\frac{.75}{[19,1]}$	$\frac{.70}{[17,8]}$	$\frac{.28}{[7,1]}$	$\frac{.06}{[1,5]}$	180	90	$\frac{.006}{[2,72]}$
222A142	$\frac{1.28}{[32,5]}$	$\frac{.90}{[22,9]}$	$\frac{.68}{[17,3]}$	$\frac{1.28}{[32,5]}$	$\frac{.90}{[22,9]}$	$\frac{.90}{[22,9]}$	$\frac{.27}{[6,9]}$	$\frac{1.44}{[36,6]}$	$\frac{1.20}{[30,5]}$	$\frac{.81}{[20,6]}$	$\frac{.75}{[19,1]}$	$\frac{.98}{[24,9]}$	$\frac{.40}{[10,2]}$	$\frac{.07}{[1,8]}$	180	90	$\frac{.014}{[6,35]}$
222A152	$\frac{1.42}{[36,1]}$	$\frac{1.08}{[27,4]}$	$\frac{.86}{[21,8]}$	$\frac{1.42}{[36,1]}$	$\frac{1.08}{[27,4]}$	$\frac{1.04}{[26,4]}$	$\frac{.33}{[8,4]}$	$\frac{1.72}{[43,7]}$	$\frac{1.38}{[35,1]}$	$\frac{.90}{[22,9]}$	$\frac{.75}{[19,1]}$	$\frac{1.18}{[30,0]}$	$\frac{.50}{[12,7]}$	$\frac{.07}{[1,8]}$	180	90	$\frac{.019}{[8,62]}$
222A163	$\frac{1.73}{[43,9]}$	$\frac{1.12}{[28,4]}$	$\frac{1.08}{[27,4]}$	$\frac{1.73}{[43,9]}$	$\frac{1.12}{[28,4]}$	$\frac{1.08}{[27,4]}$	$\frac{.37}{[9,4]}$	$\frac{2.11}{[53,6]}$	$\frac{1.73}{[43,9]}$	$\frac{1.15}{[29,2]}$	$\frac{.75}{[19,1]}$	$\frac{1.34}{[34,0]}$	$\frac{.68}{[17,3]}$	$\frac{.08}{[2,0]}$	180	90	$\frac{.029}{[13,15]}$
222A174	$\frac{2.09}{[53,1]}$	$\frac{1.90}{[48,3]}$	$\frac{1.33}{[33,8]}$	$\frac{2.09}{[53,1]}$	$\frac{1.90}{[48,3]}$	$\frac{1.84}{[46,7]}$	$\frac{.59}{[15,0]}$	$\frac{2.98}{[75,7]}$	$\frac{2.08}{[52,8]}$	$\frac{1.34}{[34,0]}$	$\frac{1.00}{[25,4]}$	$\frac{2.10}{[53,3]}$	$\frac{1.26}{[32,0]}$	$\frac{.13}{[3,3]}$	180	90	$\frac{.077}{[34,93]}$
222A185	$\frac{2.66}{[67,6]}$	$\frac{2.30}{[58,4]}$	$\frac{1.74}{[44,2]}$	$\frac{2.66}{[67,6]}$	$\frac{2.30}{[58,4]}$	$\frac{2.14}{[54,4]}$	$\frac{.80}{[20,3]}$	$\frac{3.84}{[97,5]}$	$\frac{2.60}{[66,0]}$	$\frac{1.66}{[42,2]}$	$\frac{1.00}{[25,4]}$	$\frac{2.80}{[71,1]}$	$\frac{1.60}{[40,6]}$	$\frac{.15}{[3,8]}$	180	90	$\frac{.143}{[64,86]}$
222A196	$\frac{3.45}{[87,6]}$	$\frac{2.71}{[68,8]}$	$\frac{2.18}{[55,4]}$	$\frac{3.45}{[87,6]}$	$\frac{2.71}{[68,8]}$	$\frac{2.48}{[63,0]}$	$\frac{.92}{[23,4]}$	$\frac{5.04}{[128,0]}$	$\frac{3.12}{[79,2]}$	$\frac{1.93}{[49,0]}$	$\frac{1.00}{[25,4]}$	$\frac{3.45}{[87,6]}$	$\frac{2.22}{[56,4]}$	$\frac{.18}{[4,6]}$	180	90	$\frac{.310}{[140,6]}$

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMAL TOLERANCES .XXX ± 0.005 [0.13 mm] .XX ± 0.01 [0.25 mm] .X ± 0.1 [0.50 mm] ANGLE TOLERANCE .X ± 1 DEG. TE CONNECTIVITY RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.	DRAWN YUNGUYEN	TE Connectivity Raychem Molded Parts 305 Constitution Dr Menlo Park, CA 94025	
	APPROVED DHURRELL	TITLE BOOT, 90 DEGREE, THIN WALL	
	THIRD ANGLE PROJECTION 		
	© 2004, 2011 Tyco Electronics Corporation,a TE Connectivity Ltd.company. All rights reserved.	SIZE B	CODE IDENT. NO. 06090
DO NOT SCALE THIS DRAWING		SHEET 1 OF 1	