

NOTES:

1. ALL DIMENSIONS ARE IN INCHES; LBS
 [MILLIMETERS] [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 222A1XX -XX -XX /XXX /0

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)

-12 FLUORO ELASTOMER, FLEXIBLE (RT-1312)

-25 ELASTOMER, FLUID RESISTANT (RW-2070)

-100 POLYOLEFIN, SEMI-FLEXIBLE ZEROHAL (RT-1323)

MODIFICATION NUMBER

ADHESIVE SLASH NUMBER

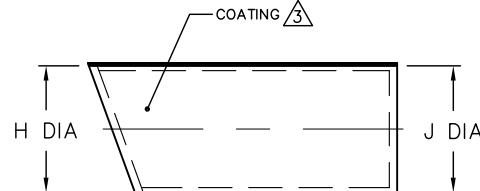
SEE COMPATIBILITY CHART BELOW

COLOR DESIGNATOR

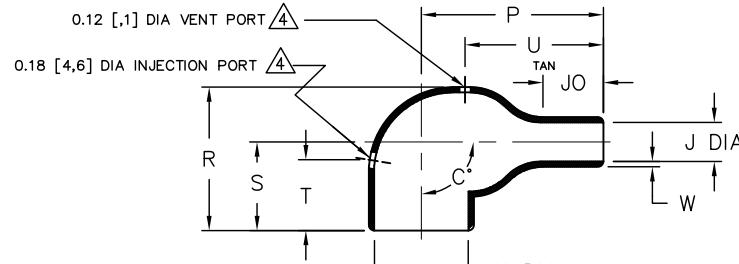
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COMPATIBILITY CHART

MATERIAL DASH NO.	ADHESIVE (COATING) SLASH NO.	ADHESIVE (COATING) S NO.
-3; -4	/42; /86	S-1017; S-1048;
-5	/42	S-1017
-6; -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 MIN -3,4,-5,-6 -12,-25,-100 a b	J MIN -3,-4 -6,-25 a b	P MIN -5,-12 -100 a b	R MIN -5,-12 -100 a b	S MIN -10 -100 a b	T MIN -10 -100 a b	U MIN -10 -100 a b	JO MIN -10 -100 a b	W MIN -20 -10 -100 a b	C* MIN -10 -100 a b	WEIGHT REF b	
222A111	.70 [17.8]	.31 [7.9]	.70 [17.8]	.39 [9.9]	.15 [3.8]	.68 [17.3]	.79 [20.1]	.61 [15.5]	N/A [11.4]	.45 [4.3]	.17 [1.02]	.002 [0.91]
222A121	.98 [24.9]	.40 [10.2]	.98 [24.9]	.71 [18.0]	.21 [5.3]	.84 [21.3]	.89 [22.6]	.65 [16.5]	N/A [14.7]	.58 [5.8]	.23 [1.3]	.003 [1.36]
222A132	1.18 [30.0]	.56 [14.2]	1.18 [30.0]	.81 [20.6]	.25 [6.4]	1.06 [26.9]	1.05 [26.7]	.73 [18.5]	.75 [19.1]	.70 [17.8]	.28 [7.1]	.006 [2.72]
222A142	1.28 [32.5]	.68 [17.3]	1.28 [32.5]	.90 [22.9]	.27 [6.9]	1.44 [36.6]	1.20 [30.5]	.81 [19.1]	.75 [24.9]	.98 [10.2]	.40 [1.8]	.014 [6.35]
222A152	1.42 [36.1]	.86 [21.8]	1.42 [36.1]	1.04 [26.4]	.33 [8.4]	1.72 [43.7]	1.38 [35.1]	.90 [22.9]	.75 [19.1]	1.18 [30.0]	.50 [12.7]	.019 [8.62]
222A163	1.73 [43.9]	1.08 [27.4]	1.73 [43.9]	1.08 [27.4]	.37 [9.4]	2.11 [53.6]	1.73 [43.9]	1.15 [29.2]	.75 [19.1]	1.34 [34.0]	.68 [17.3]	.029 [13.15]
222A174	2.09 [53.1]	1.33 [33.8]	2.09 [53.1]	1.84 [46.7]	.59 [15.0]	2.98 [75.7]	2.08 [52.8]	1.34 [34.0]	1.00 [25.4]	2.10 [53.3]	.26 [32.0]	.077 [34.93]
222A185	2.66 [67.6]	1.74 [44.2]	2.66 [67.6]	2.14 [54.4]	.80 [20.3]	3.84 [97.5]	2.60 [66.0]	1.66 [42.2]	1.00 [25.4]	2.80 [71.1]	1.60 [40.6]	.143 [64.86]
222A196	3.45 [87.6]	2.18 [55.4]	3.45 [87.6]	2.48 [63.0]	.92 [23.4]	5.04 [128.0]	3.12 [79.2]	1.93 [49.0]	1.00 [25.4]	3.45 [87.6]	2.22 [56.4]	.310 [140.6]

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE INCHES. METRIC
 DIMENSIONS ARE IN BRACKETS.
 DECIMAL TOLERANCES

.XXX ± .005 [0.13 mm]

.XX ± .001 [0.25 mm]

.X ± .01 [0.50 mm]

ANGLE TOLERANCE

.X ± 1 DEG.

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 AMEND THIS DRAWING AT ANY TIME. USERS
 SHOULD REFER TO THE LATEST EDITION OF THE
 PRODUCT FOR THE LATEST REVISION.

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DRAWN
YUNGUYEN

APPROVED
DHURRELL

THIRD ANGLE
PROJECTION

TE TE Connectivity

Raychem Molded Parts
 305 Constitution Dr
 Menlo Park, CA 94025

BOOT, 90 DEGREE,
 THIN WALL

SIZE B CODE IDENT. NO. DWG. NO.
 06090 222A111thru196

DO NOT SCALE THIS DRAWING SHEET 1 OF 1

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