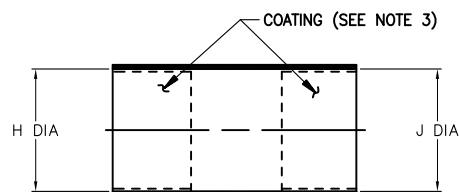
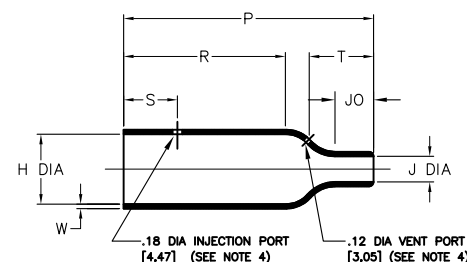


# NOTES

- ALL DIMENSIONS ARE IN  $\frac{\text{INCHES}}{\text{[MILLIMETERS]}}$
- DIMENSIONS APPEARING IN TABLE ARE AS FOLLOWS:
  - AS SUPPLIED
  - AFTER UNRESTRICTED RECOVERY
- 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.
- MOLDING PORTS ARE OPTIONAL. WHEN -00 MODIFICATION NUMBER IS SPECIFIED MOLDING PORTS WILL BE LOCATED AS SHOWN.



AS SUPPLIED



AFTER UNRESTRICTED RECOVERY

TABLE OF DIMENSIONS

PART NUMBER	H				J				P	R	S	T	JO	W
	Min -3,-4,-25 a	Min -3,-12,-100 a	Min -6 a	Max b	Min -3,-4,-25 a	Min -3,-12,-100 a	Min -6 a	Max b	±10% b	±10% b	Ref b	Ref b	Ref b	±20% b
202A111	.65 [16,5]	.65 [16,5]	.65 [16,5]	.31 [7,9]	.65 [16,5]	.47 [11,9]	.65 [16,5]	.15 [3,8]	1.00 [25,4]	.56 [14,2]	.50 [12,7]	N/A	.23 [5,8]	.05 [1,27]
202A121	.97 [24,6]	.89 [22,6]	.92 [23,4]	.39 [9,9]	.97 [24,6]	.70 [17,8]	.92 [23,4]	.21 [5,3]	1.50 [38,1]	.86 [21,8]	.60 [15,2]	N/A	.36 [9,1]	.06 [1,52]
202A132	1.12 [28,4]	1.03 [26,2]	1.05 [26,7]	.56 [14,2]	1.12 [28,4]	.80 [20,3]	1.05 [26,7]	.26 [6,6]	2.02 [51,3]	1.10 [27,9]	.75 [19,1]	.63 [16,0]	.51 [13,0]	.07 [1,78]
202A142	1.22 [31,0]	1.22 [31,0]	1.22 [31,0]	.70 [17,8]	1.22 [31,0]	1.00 [25,4]	1.22 [31,0]	.29 [7,4]	2.63 [66,8]	1.40 [35,6]	.75 [19,1]	.87 [22,1]	.70 [17,8]	.07 [1,78]
202A153	1.42 [36,0]	1.42 [36,0]	1.42 [36,0]	.86 [21,9]	1.42 [36,0]	1.03 [26,2]	1.42 [36,0]	.34 [8,6]	2.90 [73,7]	1.63 [41,4]	.75 [19,1]	.87 [22,1]	.63 [16,0]	.07 [1,78]
202A163	1.68 [42,7]	1.68 [42,7]	1.68 [42,7]	1.08 [27,4]	1.68 [42,7]	1.07 [27,2]	1.68 [42,7]	.37 [9,4]	3.90 [99,1]	2.47 [62,7]	.75 [19,1]	.99 [25,2]	.71 [18,0]	.08 [2,03]
202A174	2.04 [51,8]	1.90 [48,3]	2.04 [51,8]	1.39 [35,3]	2.04 [51,8]	1.90 [48,3]	2.04 [51,8]	.63 [16,0]	5.13 [130,3]	2.55 [64,8]	1.00 [25,4]	2.00 [50,8]	1.65 [41,9]	.13 [3,30]
202A185	2.60 [66,0]	2.60 [66,0]	2.60 [66,0]	1.72 [43,7]	2.60 [66,0]	2.13 [54,1]	2.60 [66,0]	.77 [19,6]	6.35 [161,3]	3.55 [90,2]	1.00 [25,4]	2.15 [54,6]	1.88 [47,8]	.15 [3,81]
202A196	3.40 [86,4]	3.40 [86,4]	3.40 [86,4]	2.25 [57,2]	3.40 [86,4]	2.81 [71,4]	3.40 [86,4]	1.06 [26,9]	8.37 [212,6]	4.45 [113,0]	1.00 [25,4]	3.15 [80,0]	2.45 [62,2]	.16 [4,06]

Raychem Molded Parts  
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.

DRAWN  
UNGUYEN

DATE  
05/21/2008

RPN

THIRD ANGLE  
PROJECTION



TE Connectivity

TITLE

BOOT, STRAIGHT,  
OVEREXPANDED

SIZE  
B

CODE IDENT. NO.  
06090

DWG. NO.

202A111thru196

DO NOT SCALE THIS DRAWING

SHEET 1 OF 2

© 2015 Tyco Electronics Corporation. A TE Connectivity Ltd. company. All rights reserved.

4		3		2		1	
COMPATIBILITY CHART							
MATERIAL DASH NO.	MATERIAL DESCRIPTION	RT SPEC	COATING SLASH NO.	COATING SPEC	COATING DESCRIPTION		
-3	POLYOLEFIN, SEMI-RIGID	RT-301	/42; /86	S-1017; S-1048	ADHESIVE		
-4	POLYOLEFIN, FLEXIBLE	RT-1304	/164; /86; /180	S-1017; S-1048; S-1030	ADHESIVE		
-5	ELASTOMER, FLEXIBLE	RT-501	/42,	S-1017	ADHESIVE		
-6	SILICONE	RT-602	N/A				
-12	FLUOROELASTOMER	RT-1312	N/A				
-25	ELASTOMER, FLUID RESISTANT	RW-2070	/42; /86; /225	S-1017; S-1048; S-1206	ADHESIVE		
-100	POLYOLEFIN, SEMI-FLEXIBLE	RT-1323	/180; /184; /86	S-1030; S-1048	ADHESIVE		
	ZEROHAL						

ORDERING INFORMATION

202A1XX-XXX-XX/XX

BASE PART NUMBER

MATERIAL DASH NUMBER  
(SEE COMPATIBILITY CHART)

MODIFICATION NUMBER

ADHESIVE SLASH NUMBER  
(IF NECESSARY, SEE COMPATIBILITY CHART)

CUSTOMER DRAWING

SIZE	DWG. NO.	REV	DWG. NO.
B	06090	Y	202A111thru196
DO NOT SCALE THIS DRAWING			SHEET 2 OF 2

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[202A111-3-0](#)