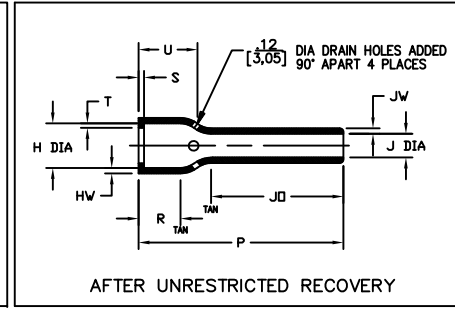
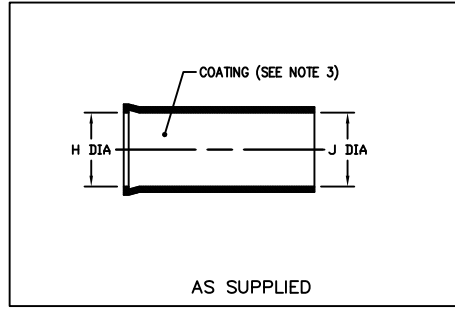


NOTES

- 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.
- Drain holes added.



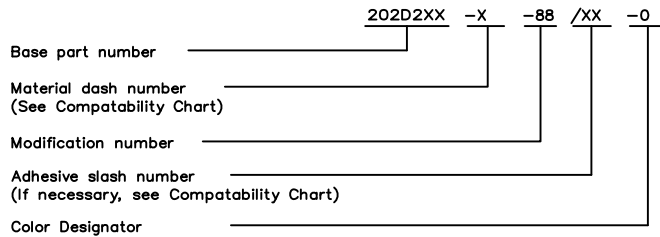
DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

| REVISIONS | | |
|-----------|---------------------------|------------|
| LTR | DESCRIPTION | DATE |
| B | REVISED PER ECO-12-007619 | 04/20/2012 |

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 | -3,-4,-25 | -4,-12 | b | b | b | b | b | b | b | b | b |
| 202D211-X-88 | .88 [22,4] | .45 [11,4] | .88 [22,4] | .55 [14,0] | .25 [6,4] | 4.17 [105,9] | 3.40 [86,4] | .48 [11,7] | .12 [3,0] | .04 [1,0] | .23 [5,8] | .06 [1,52] | .045 [1,14] |
| 202D221-X-88 | 1.01 [25,7] | .59 [15,0] | 1.01 [25,7] | .63 [16,0] | .29 [7,4] | 4.77 [121,2] | 3.88 [98,6] | .48 [12,2] | .12 [3,0] | .04 [1,0] | .24 [6,1] | .06 [1,52] | .045 [1,14] |
| 202D232-X-88 | 1.16 [29,5] | .74 [18,8] | 1.16 [29,5] | .72 [18,3] | .33 [8,4] | 5.48 [138,7] | 4.44 [112,8] | .48 [12,2] | .12 [3,0] | .04 [1,0] | .47 [11,9] | .07 [1,78] | .045 [1,14] |
| 202D242-X-88 | 1.34 [34,0] | .90 [22,9] | 1.34 [34,0] | .84 [21,3] | .38 [9,7] | 6.28 [159,5] | 5.15 [130,8] | .48 [12,2] | .12 [3,0] | .04 [1,0] | .47 [11,9] | .07 [1,78] | .045 [1,14] |
| 202D253-X-88 | 1.47 [37,3] | 1.18 [29,5] | 1.47 [37,3] | .91 [23,1] | .41 [10,4] | 7.00 [177,8] | 5.60 [142,2] | .55 [14,0] | .12 [3,0] | .065 [1,65] | .47 [11,9] | .08 [2,0] | .045 [1,14] |
| 202D263-X-88 | 1.72 [43,7] | 1.34 [34,0] | 1.72 [43,7] | 1.07 [27,2] | .48 [12,2] | 8.00 [203,2] | 6.42 [163,1] | .60 [15,2] | .12 [3,0] | .065 [1,65] | .47 [11,9] | .08 [2,0] | .045 [1,14] |
| 202D274-X-88 | 1.97 [50,0] | 1.62 [41,2] | 1.97 [50,0] | 1.24 [31,5] | .56 [14,2] | 8.00 [203,2] | 6.21 [157,7] | .60 [15,2] | .12 [3,0] | .065 [1,65] | .30 [7,6] | .09 [2,3] | .055 [1,40] |
| 202D285-X-88 | 2.47 [62,7] | 1.85 [47,0] | 2.47 [62,7] | 1.54 [39,1] | .69 [17,5] | 8.00 [203,2] | 6.03 [153,2] | .63 [16,0] | .12 [3,0] | .08 [2,0] | .63 [16,0] | .10 [2,5] | .055 [1,40] |
| 202D296-X-88 | 2.73 [69,3] | 2.35 [59,7] | 2.73 [69,3] | 1.70 [43,2] | .77 [19,6] | 8.00 [203,2] | 5.64 [143,3] | .63 [16,0] | .12 [3,0] | .08 [2,0] | .63 [16,0] | .10 [2,5] | .055 [1,40] |
| 202D299-X-88 | 3.22 [81,8] | 2.64 [67,1] | 3.22 [81,8] | 2.01 [51,1] | .90 [22,9] | 8.00 [203,2] | 5.45 [138,4] | .63 [16,0] | .12 [3,0] | .08 [2,0] | .63 [16,0] | .10 [2,5] | .055 [1,40] |

ORDERING INFORMATION



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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 | /42 | S-1017 | |
| -6 | Silicone | RT-602 | N/A | | |
| -12 | *VITON, Flexible | RT-1312 | N/A | | |
| -25 | Elastomer, Fluid Resistant | RT-1325 | N/A | | |

*VITON is a Registered Trademark of Dupont

Raychem Molded Parts

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| | | | | | |
|--|----------------------------------|----------------------------------|---------------------------|------------------------------------|--------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC AND INCHES ARE IN BRACKETS. DECIMAL TOLERANCES XXX ± 0.13 (.005) XX ± 0.25 (.01) X ± 0.50 (.10) ANGLE TOLERANCE .X ± 1 DEG. | DRAWN M Mazariegos 4/10/12 | APPROVED D.Hurrell 4/17/11 | | TE Connectivity | |
| | RPN | CAD FILE: 202D2XX-X-88_CD | | TITLE BOOT, STRAIGHT, WITH LIPS | |
| TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION. | THIRD ANGLE PROJECTION | | SIZE B | CODE IDENT. NO. 06090 | DWG. NO. 202D2XX-X-88 |
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| | | | SHEET 1 OF 1 | | |