

4

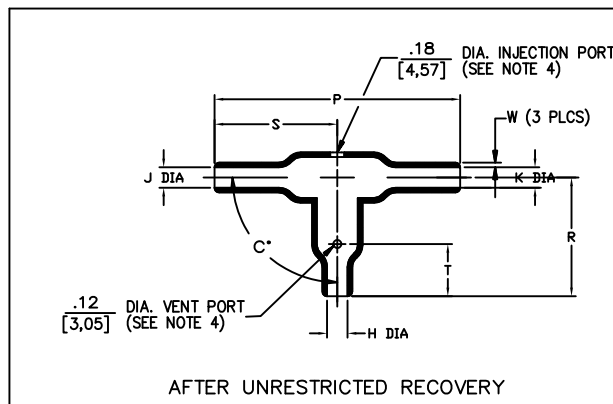
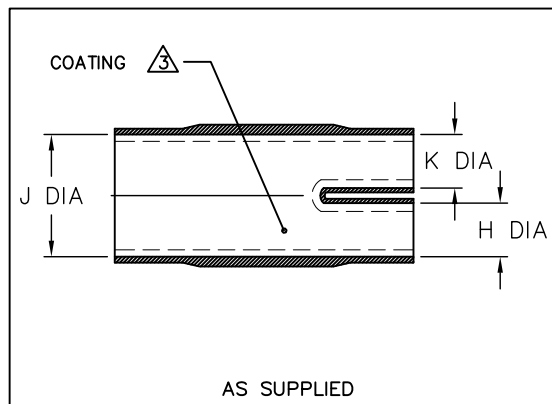
3

2

1

## NOTES

1. All dimensions are in  $\frac{\text{inches}}{[\text{millimeters}]}$ ;  $\frac{\text{lbs}}{[\text{gms}]}$
2. Dimensions appearing in table are as follows:  
a - As Supplied  
b - After Unrestricted Recovery
3. 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.
4. Molding ports are optional. When -00 modification number is specified molding ports will be located as shown. On size 301A011 the .12 diameter vent port will be eliminated, and the .18 diameter injection port will be decreased to  $\frac{.09}{[2,29]}$
5. Weight appearing in table of dimensions is based on polyolefin part.



| REVISIONS |                           |           |
|-----------|---------------------------|-----------|
| LTR       | DESCRIPTION               | DATE      |
| U         | REVISED PER ECO-14-006329 | 4/11/2014 |

## ORDERING INFORMATION

Base part number 301A0XX -XX -XX /XX -0

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)

Color designator

## 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;/180      | S-1017;S-1048;S-1030 | Adhesive            |
| -4                | Polyolefin, Flexible                 | RT-1304 | /42;/86;/180      | S-1017;S-1048;S-1030 | Adhesive            |
| -5                | Elastomer, Flexible                  | RT-501  | N/A               |                      |                     |
| -6                | Silicone                             | RT-602  | N/A               |                      |                     |
| -12               | *VITON, Flexible                     | RT-1312 | N/A               |                      |                     |
| -25               | Elastomer, Fluid Resistant           | RW-2070 | /86;/225          | S-1048;S-1206        | Adhesive            |
| -52               | Polyolefin, Nuclear Molding Compound | RT-1508 | N/A               |                      |                     |
| -100              | Polyolefin, Simi-Flexible ZEROHAL™   | RT-1323 | /86;/180          | S-1048;S-1030        | Adhesive            |

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## TABLE OF DIMENSIONS

| PART NUMBER | H, J & K       |                | P               | R               | S               | T              | W            | Weight         |
|-------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|--------------|----------------|
|             | Min<br>a       | Max<br>b       | ±10%<br>b       | ±10%<br>b       | ±10%<br>b       | ±10%<br>b      | ±30%<br>b    | Nom<br>b       |
| 301A011     | .26<br>[6,6]   | .14<br>[3,6]   | 1.17<br>[29,7]  | .58<br>[14,7]   | .59<br>[15,1]   | N/A            | .04<br>[1,0] | .002<br>[0,9]  |
| 301A022     | .52<br>[13,2]  | .27<br>[6,9]   | 2.31<br>[58,7]  | 1.16<br>[29,5]  | 1.16<br>[29,5]  | .69<br>[17,5]  | .06<br>[1,5] | .009<br>[4,1]  |
| 301A034     | 1.06<br>[26,9] | .53<br>[13,5]  | 4.73<br>[120,1] | 2.36<br>[60,0]  | 2.37<br>[60,2]  | 1.40<br>[35,6] | .09<br>[2,3] | .069<br>[1,7]  |
| 301A048     | 2.19<br>[55,6] | 1.19<br>[30,2] | 9.70<br>[246,4] | 4.85<br>[123,2] | 4.85<br>[123,2] | 2.79<br>[70,9] | .12<br>[3,0] | .558<br>[14,1] |

Raychem Molded parts  
CUSTOMER DRAWING

|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |                            |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------|--------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS.<br><br>DECIMAL TOLERANCES<br>.XXX ± 0.005 [0.13 mm]<br>.XX ± 0.01 [0.25 mm]<br>.X ± 0.1 [0.50 mm]<br><br>ANGLE TOLERANCE<br>.X ± 1 DEG.<br><br>TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.<br><br>© 2014 Tyco Electronics Corporation. All rights reserved. | DRAWN<br>M.MAZARIEGOS | TE Connectivity            |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         | APPROVED<br>S.GRAVANO | TITLE<br>TRANSITION, T     |                          |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       | SIZE<br>B                  | CODE IDENT. NO.<br>06090 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | DWG. NO.<br>301A011THRU048 |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | DO NOT SCALE THIS DRAWING  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       | SHEET 1 OF 1               |                          |