

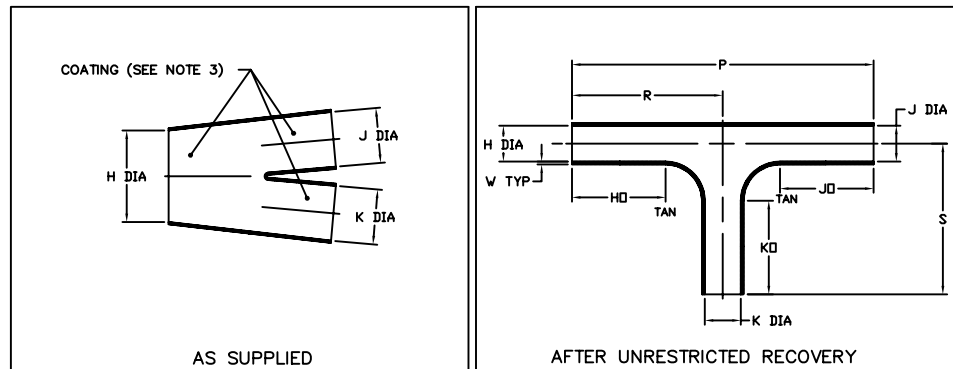
# Molded Parts Specification Control Drawing

Part Number : 301A511 thru 514  
Description : Slimline Transition, "T"

## NOTES

1. All dimensions are in  $\frac{\text{inches}}{\text{[millimeters]}}$
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. Part 301A514 is not available in -125 and -780 material.



| TABLE OF DIMENSIONS |                |                |                |                |                          |               |                 |                   |
|---------------------|----------------|----------------|----------------|----------------|--------------------------|---------------|-----------------|-------------------|
| PART NUMBER         | H              |                | J & K          |                | HO, JO & KO<br>±10%<br>b | W<br>Nom<br>b | P<br>Nom<br>b   | R & S<br>Nom<br>b |
|                     | Min<br>a       | Max<br>b       | Min<br>a       | Max<br>b       |                          |               |                 |                   |
| 301A511             | .78<br>[19,8]  | .26<br>[6,6]   | .52<br>[13,2]  | .26<br>[6,6]   | 1.00<br>[25,4]           | .04<br>[1,0]  | 3.18<br>[80,8]  | 1.59<br>[40,4]    |
| 301A512             | 1.35<br>[34,3] | .45<br>[11,4]  | .90<br>[22,9]  | .45<br>[11,4]  | 1.62<br>[41,1]           | .05<br>[1,3]  | 4.74<br>[120,4] | 2.37<br>[60,2]    |
| 301A513             | 2.37<br>[60,2] | .79<br>[20,1]  | 1.58<br>[40,1] | .79<br>[20,1]  | 2.50<br>[63,5]           | .06<br>[1,5]  | 6.92<br>[175,8] | 3.46<br>[87,9]    |
| 301A514             | 3.28<br>[83,3] | 1.31<br>[33,3] | 2.16<br>[54,9] | 1.31<br>[33,3] | 3.50<br>[88,9]           | .07<br>[1,78] | 9.54<br>[242,3] | 4.77<br>[121,2]   |

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TYCO ELECTRONICS  
300 CONSTITUTION DRIVE  
MENLO PARK, CALIFORNIA 94025

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| COMPATABILITY CHART |                        |                |                   |               |                     |
|---------------------|------------------------|----------------|-------------------|---------------|---------------------|
| MATERIAL DASH NO.   | MATERIAL DESCRIPTION   | RT SPEC        | COATING SLASH NO. | COATING S NO. | COATING DESCRIPTION |
| -50                 | Flexible VPB           | RT-1313        | N/A               |               |                     |
| -51                 | Flexible EPB           | RT-1321        | /164              | S-1124        | Adhesive            |
| -71                 | Flexible Polyolefin    | RT-1316        | /42,/86           | S-1017;S-1048 | Adhesive            |
| -125                | Modified Fluoropolymer | RT-1334        | N/A               |               |                     |
| -770                | NBCCS                  | RT-770 TYPE II | N/A               |               |                     |
| -780                | NBCCS                  | RT-780 TYPE II | N/A               |               |                     |

## ORDERING INFORMATION

Base part number 301A5XX -XX -XX /XXX -0  
Material dash number                       
(See Compatability Chart)  
Modification number                       
Adhesive slash number                       
(If necessary, see Compatability Chart)  
Color Designator                     

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