


CS: 2.50 mm  $\pm 0.08$  mm (0.098"  $\pm 0.003$ "")  
ID: 142.00 mm  $\pm 1.13$  mm (5.591"  $\pm 0.044$ "")

|   |   |
|---|---|
|  <b>GLOBAL O-RING</b><br>and SEAL<br>ALL-AROUND BETTER | PART NUMBER<br><b>V2.50X142</b>                       |
| 14450 John F. Kennedy Blvd.<br>Houston, TX 77032<br><a href="http://www.globaloring.com">www.globaloring.com</a>                            | Viton 75 Duro Metric O-Ring 2.50 mm CS X 142.00 mm ID |
| Information in this drawing is provided for reference only  |   |

|                 |                             |                                    |
|-----------------|-----------------------------|------------------------------------|
| <b>Compound</b> | V75-B101                    | Genuine Viton®, General Purpose    |
|                 | Temperature Range (Static): | -25°C to 250°C                     |
|                 | Cure System:                | Bisphenol                          |
|                 | Specification:              | M4HK715 A1-10 B37 B38 EF31 EO78 Z1 |

Compound Previously Known As: V75101

|                   |                               | Required Results | Typical Results |
|-------------------|-------------------------------|------------------|-----------------|
| <b>Properties</b> | Hardness, Shore A, pts        | 75±5             | 77              |
|                   | Tensile Strength, psi, min    | 1450(min)        | 2077            |
|                   | Elongation, min, %            | 175(min)         | 175             |
|                   | Modulus @ 100%, psi           | D412-16          | 1125            |
|                   | Density, Mg/m3                |                  | 1.84            |
| <b>A1-A10</b>     | Hardness Change, pts, Shore A | +10(max)         | +1              |
|                   | Tensile Strength Change, %    | -25(max)         | -2              |
|                   | Elongation Change, %          | -25(max)         | -8              |
|                   | Weight Change, %              |                  | -1.7            |
| <b>B37</b>        | ASTM D395-18, Method B        | 50%(plied)(max)  | 7.3             |
| <b>B38</b>        | ASTM D395-18, Method B        | 50%(plied)(max)  | 8.1             |
| <b>EF31</b>       | Hardness Change, pts, Shore A | ±5               | -2              |
|                   | Tensile Strength Change, %    | -25(max)         | -19             |
|                   | Elongation Change, %          | -20(max)         | -5              |
|                   | Volume Change, %              | 0~+10            | +3.1            |
| <b>EO78</b>       | Hardness Change, pts, Shore A | -15~+5           | -6              |
|                   | Tensile Strength Change, %    | -40(max)         | -16             |
|                   | Elongation Change, %          | -20(max)         | +1              |
|                   | Volume Change, %              | 0~+15            | +9.5            |