


CS: 1.00 mm  $\pm 0.08$  mm (0.039"  $\pm 0.003$ " )

ID: 9.50 mm  $\pm 0.17$  mm (0.374"  $\pm 0.007$ " )

|   |  |
|---|--|
|  <b>GLOBAL O-RING</b><br>and SEAL<br>ALL-AROUND BETTER | PART NUMBER<br><b>E1.00X009.5</b>                  |
| 14450 John F. Kennedy Blvd.<br>Houston, TX 77032<br><a href="http://www.globaloring.com">www.globaloring.com</a>                            | EPDM 70 Duro Metric O-Ring 1.00 mm CS X 9.50 mm ID |
| Information in this drawing is provided for reference only  |  |

|                 |                             |                              |
|-----------------|-----------------------------|------------------------------|
| <b>Compound</b> | E70-B101                    | EPDM, Black, General Purpose |
|                 | Temperature Range (Static): | -55°C to 125°C               |
|                 | Specification:              | M3CA707 A25 B35 EA14 F17     |

|                   |                               | Required Results | Typical Results |
|-------------------|-------------------------------|------------------|-----------------|
| <b>Properties</b> | Hardness, (Shore A)           | 70±5             | 69              |
|                   | Tensile Strength, psi(MPa)    | 1015(7)(min)     | 1644(11.34)     |
|                   | Elongation, (%)               | 200(min)         | 333             |
|                   | Modulus at 100%, psi(MPa)     |                  | 782(5.39)       |
|                   | Density, (Mg/m <sup>3</sup> ) |                  | 1.27            |
| <b>A25</b>        | Hardness Change, pts.         | +10(max)         | +3              |
|                   | Tensile Strength Change, %    | -20(max)         | +10             |
|                   | Elongation Change, %          | -40(max)         | -34             |
|                   | Weight Change, %              |                  | +0.1            |
| <b>B35</b>        | -                             | 70%(plied)(max)  | 48.9            |
| <b>EA14</b>       | Hardness Change, pts.         |                  | +1              |
|                   | Tensile Strength Change, %    |                  | 0               |
|                   | Elongation Change, %          |                  | -22             |
|                   | Volume Change, %              | ±5               | +1.6            |
| <b>F17</b>        | (ASTM D2137-11, Method C)     |                  |                 |
|                   | Sample type: T-50,            |                  |                 |
|                   | Coolant : Isopropyl alcohol   |                  |                 |
|                   | Low Temperature Property,     | pass             | pass            |