


CS: 1.80 mm  $\pm$ 0.08 mm (0.071"  $\pm$ 0.003")  
ID: 50.00 mm  $\pm$ 0.46 mm (1.969"  $\pm$ 0.018")

 <b>GLOBAL O-RING</b> and SEAL ALL-AROUND BETTER	PART NUMBER <b>E1.80X050</b>
14450 John F. Kennedy Blvd. Houston, TX 77032 <a href="http://www.globaloring.com">www.globaloring.com</a>	EPDM 70 Duro Metric O-Ring 1.80 mm CS X 50.00 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