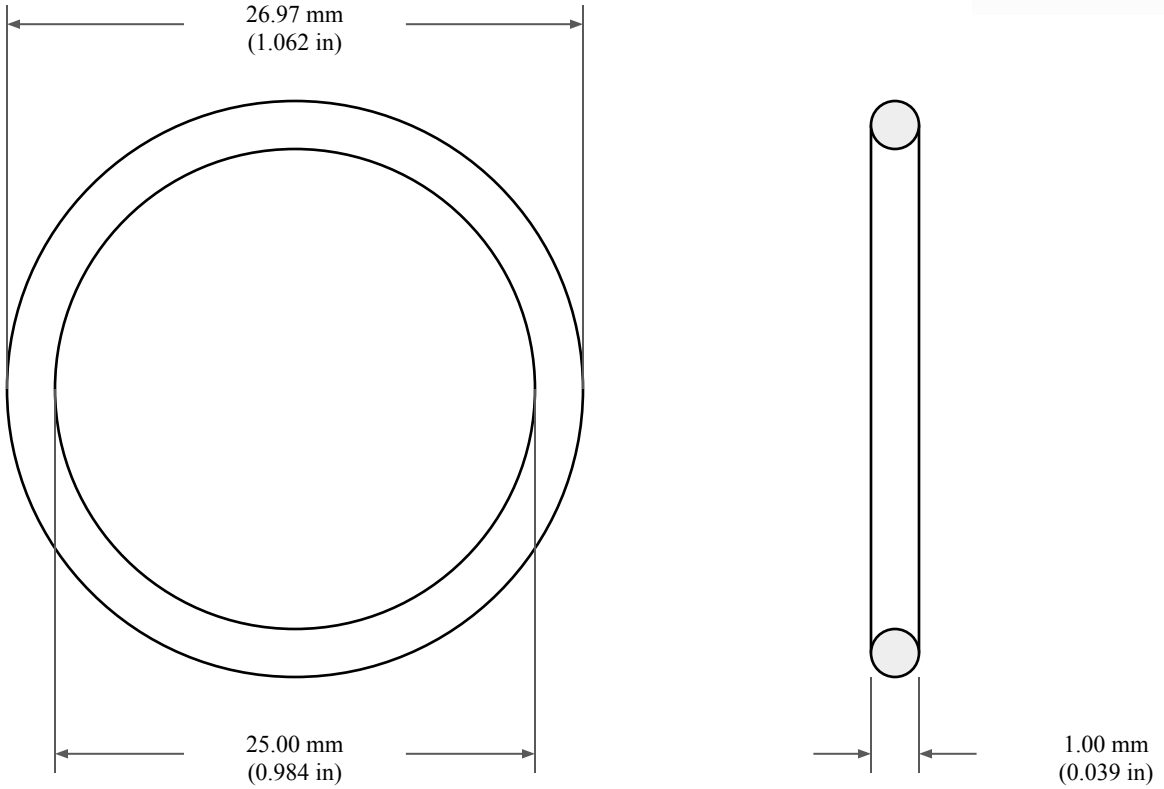

CS: 1.00 mm ±0.08 mm (0.039" ±0.003")

ID: 25.00 mm ±0.25 mm (0.984" ±0.010")

GLOBAL O-RING and SEAL ALL-AROUND BETTER	PART NUMBER **E1.00X025**
14450 John F. Kennedy Blvd. Houston, TX 77032 www.globaloring.com	EPDM 70 Duro Metric O-Ring 1.00 mm CS X 25.00 mm ID
Information in this drawing is provided for reference only	

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

		Required Results	Typical Results
Properties	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^3)		1.27
A25	Hardness Change, pts.	+10(max)	+3
	Tensile Strength Change, %	-20(max)	+10
	Elongation Change, %	-40(max)	-34
	Weight Change, %		+0.1
B35	-	70%(plied)(max)	48.9
EA14	Hardness Change, pts.		+1
	Tensile Strength Change, %		0
	Elongation Change, %		-22
	Volume Change, %	±5	+1.6
F17	(ASTM D2137-11, Method C)		
	Sample type: T-50,		
	Coolant : Isopropyl alcohol		
	Low Temperature Property,	pass	pass