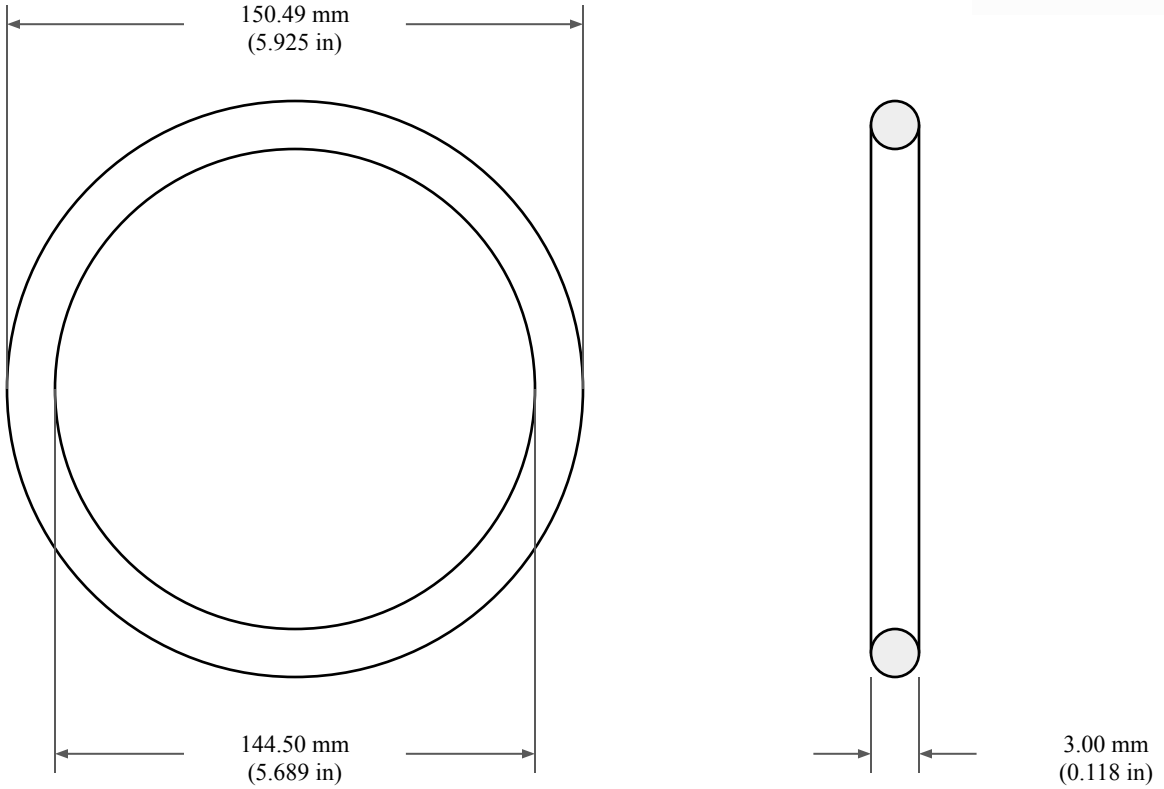

CS: 3.00 mm ±0.09 mm (0.118" ±0.004")

ID: 144.50 mm ±1.13 mm (5.689" ±0.044")

GLOBAL O-RING and SEAL
ALL-AROUND BETTER

14450 John F. Kennedy Blvd.
Houston, TX 77032

www.globaloring.com

Information in this drawing is provided for reference only

PART NUMBER **E3.00X144.5**

EPDM 70 Duro Metric O-Ring 3.00 mm CS X 144.50 mm ID

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