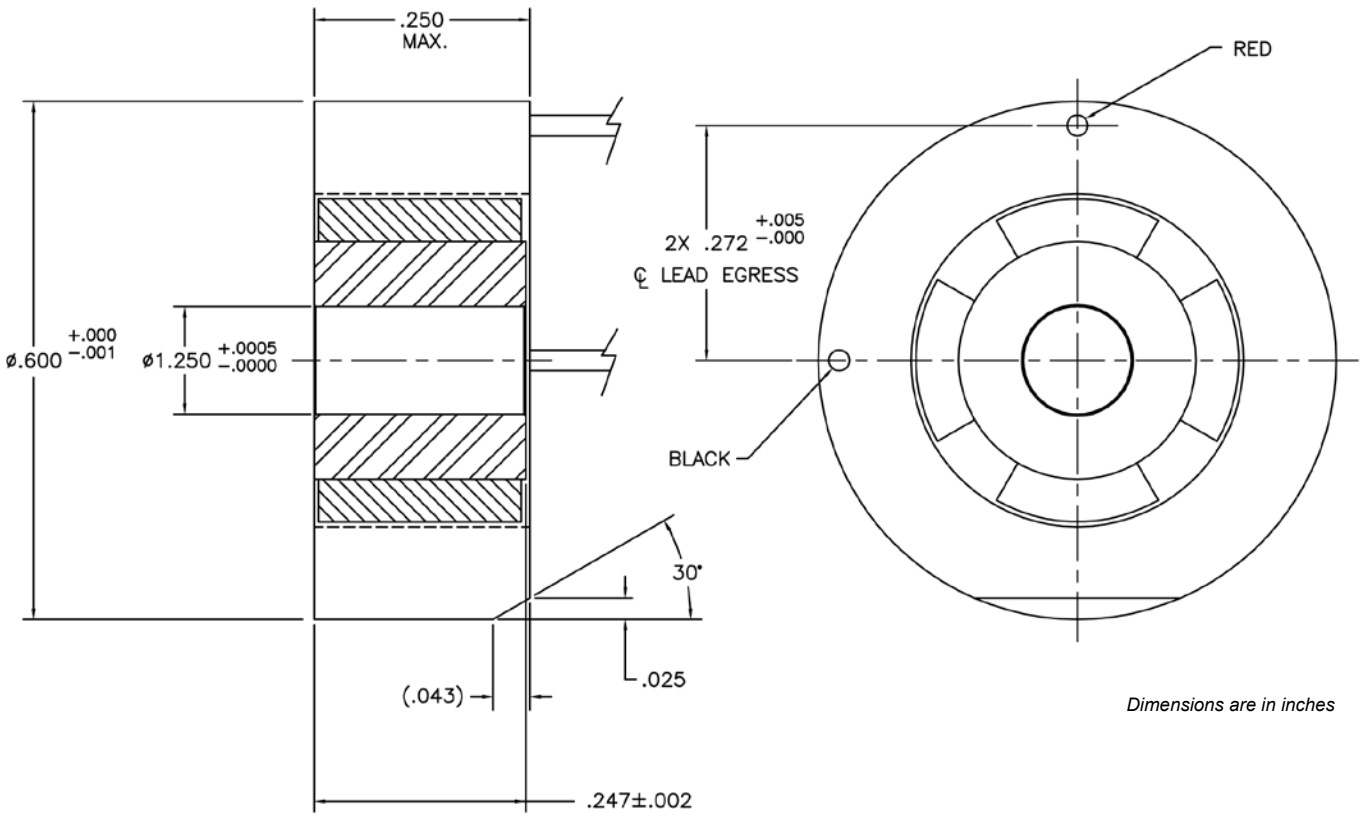
TD-0600-A SPECIFICATIONS @ 25°C

Size Constants	Value	Units
Peak Torque, T_P	1	oz-in
Motor Constant, K_M	0.293	oz-in/√W
Excursion Angle	± 5	degrees
Number of Poles	4	
Weight	0.25	oz (nom)
Motor Inertia, J_M	4.69E-06	oz-in-s^2
Friction Torque, T_F	0.06	oz-in
Electrical Time Constant, τ_E	0.077	ms
Mechanical Time Constant, τ_M	5.37	ms
Winding Constants	**Value**	**Units**
Torque Sensitivity, K_T	1	oz-in/amp
Back EMF, K_E	0.0072	V per rad/s
Terminal Resistance, R_M	8.25	ohms (nom)
Terminal Inductance, L_M	0.634	mH (nom)
Voltage, Stalled at Peak Torque, V_P	12	volts
Amps at Peak Torque, I_P	1.5	amps

TD-0600-A Typical Outline Drawing



Dimensions are in inches