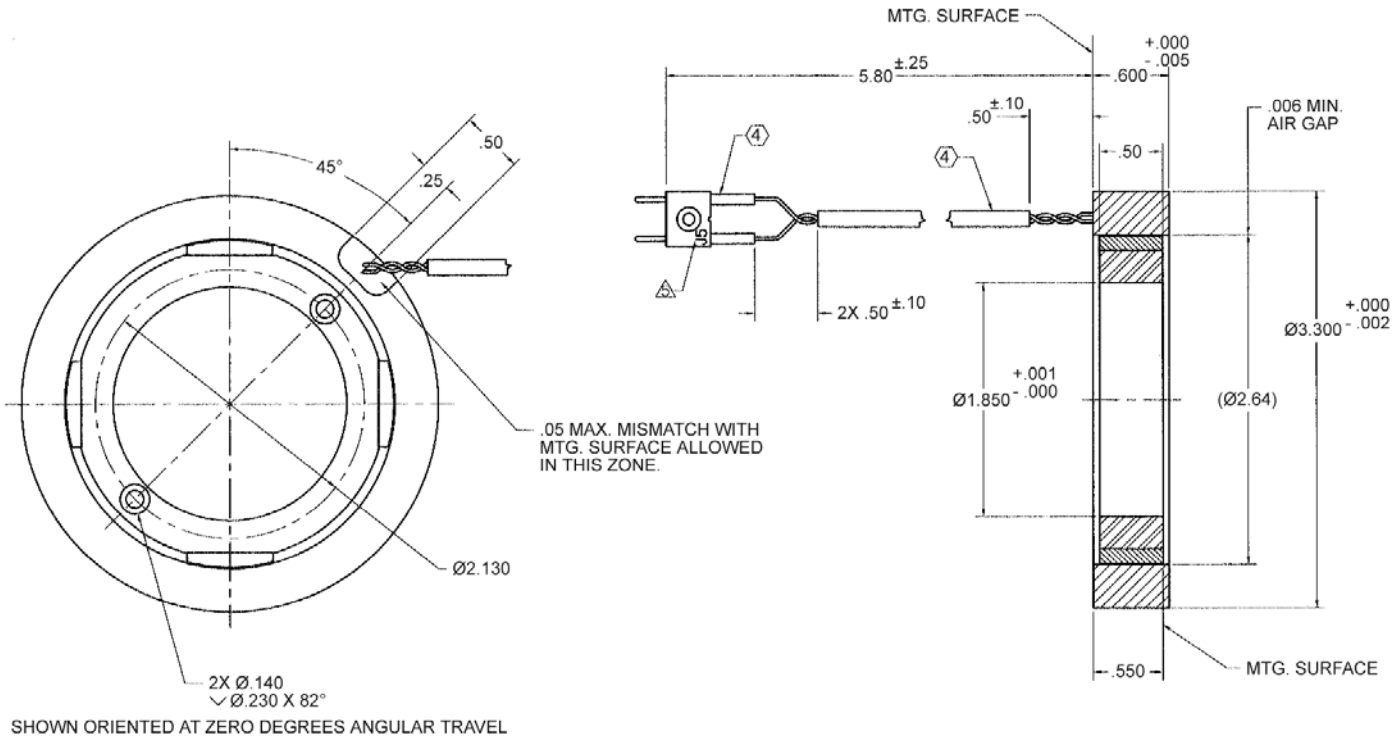
TD-3300-J-1SC SPECIFICATIONS @ 25°C

Size Constants	Value	Units
Peak Torque, T_P	25	oz-in
Motor Constant, K_M	6.82	oz-in/√W
Excursion Angle	± 22.5	degrees
Number of Poles	4	
Weight	11	oz (nom)
Motor Inertia, J_M	1.49E-02	oz-in-s^2
Friction Torque, T_F	1	oz-in
Electrical Time Constant, τ_E	1.144	ms
Mechanical Time Constant, τ_M	45.15	ms
Winding Constants	**Value**	**Units**
Torque Sensitivity, K_T	22	oz-in/amp
Back EMF, K_E	0.156	V per rad/s
Terminal Resistance, R_M	10.4	ohms (nom)
Terminal Inductance, L_M	11.9	mH (nom)
Voltage, Stalled at Peak Torque, V_P	24	volts
Amps at Peak Torque, I_P	1.14	amps

TD-3300-J-1SC Typical Outline Drawing



Dimensions are in inches