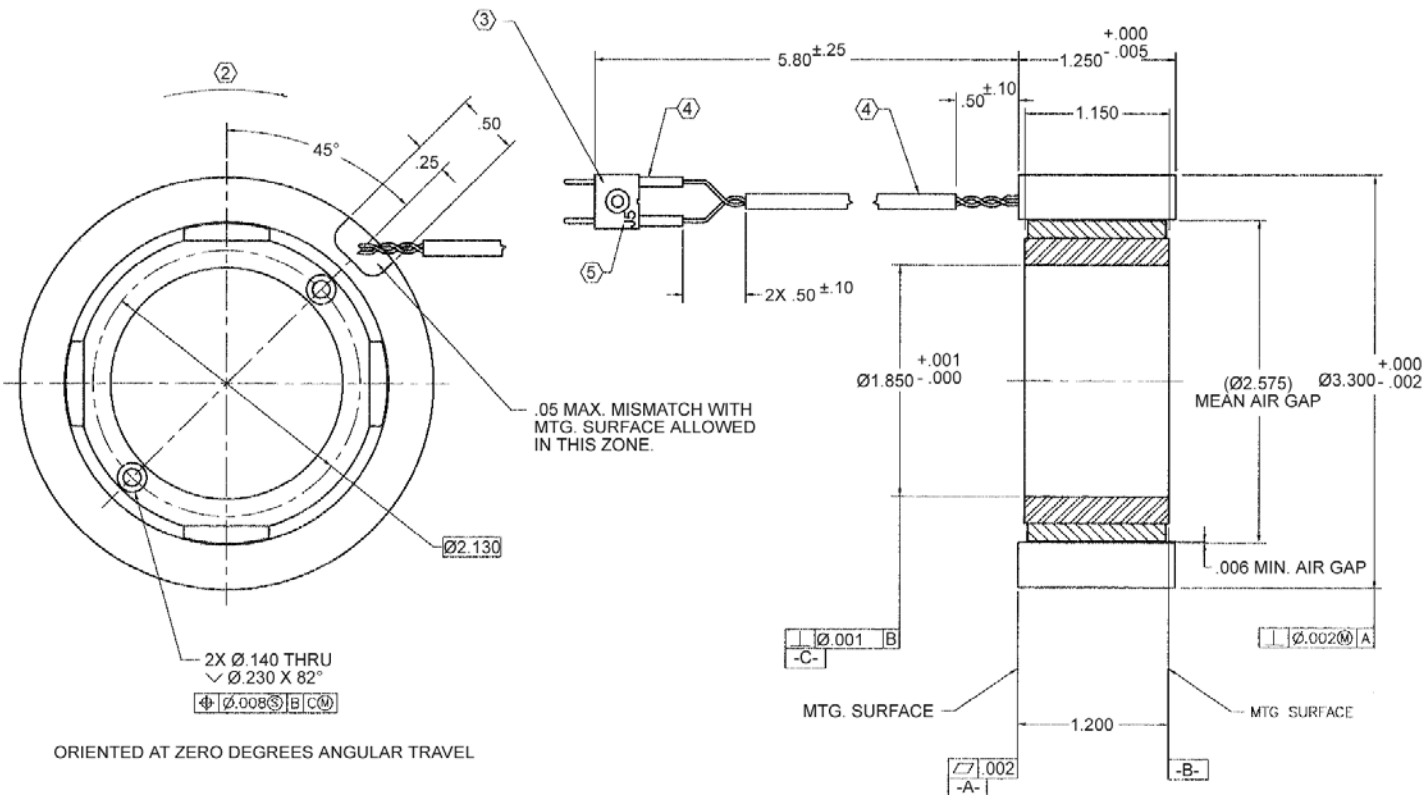
TD-3300-K-1SC SPECIFICATIONS @ 25°C

Size Constants	Value	Units
Peak Torque, T_P	65	oz-in
Motor Constant, K_M	13.34	oz-in/√W
Excursion Angle	± 22.5	degrees
Number of Poles	4	
Weight	23.2	oz (nom)
Motor Inertia, J_M	3.10E-02	oz-in-s^2
Friction Torque, T_F	1	oz-in
Electrical Time Constant, τ_E	TBD	ms
Mechanical Time Constant, τ_M	24.62	ms
Winding Constants	**Value**	**Units**
Torque Sensitivity, K_T	26	oz-in/amp
Back EMF, K_E	0.184	V per rad/s
Terminal Resistance, R_M	3.8	ohms (nom)
Terminal Inductance, L_M	TBD	mH (nom)
Voltage, Stalled at Peak Torque, V_P	12	volts
Amps at Peak Torque, I_P	3.16	amps

TD-3300-K-1SC Typical Outline Drawing



Dimensions are in inches