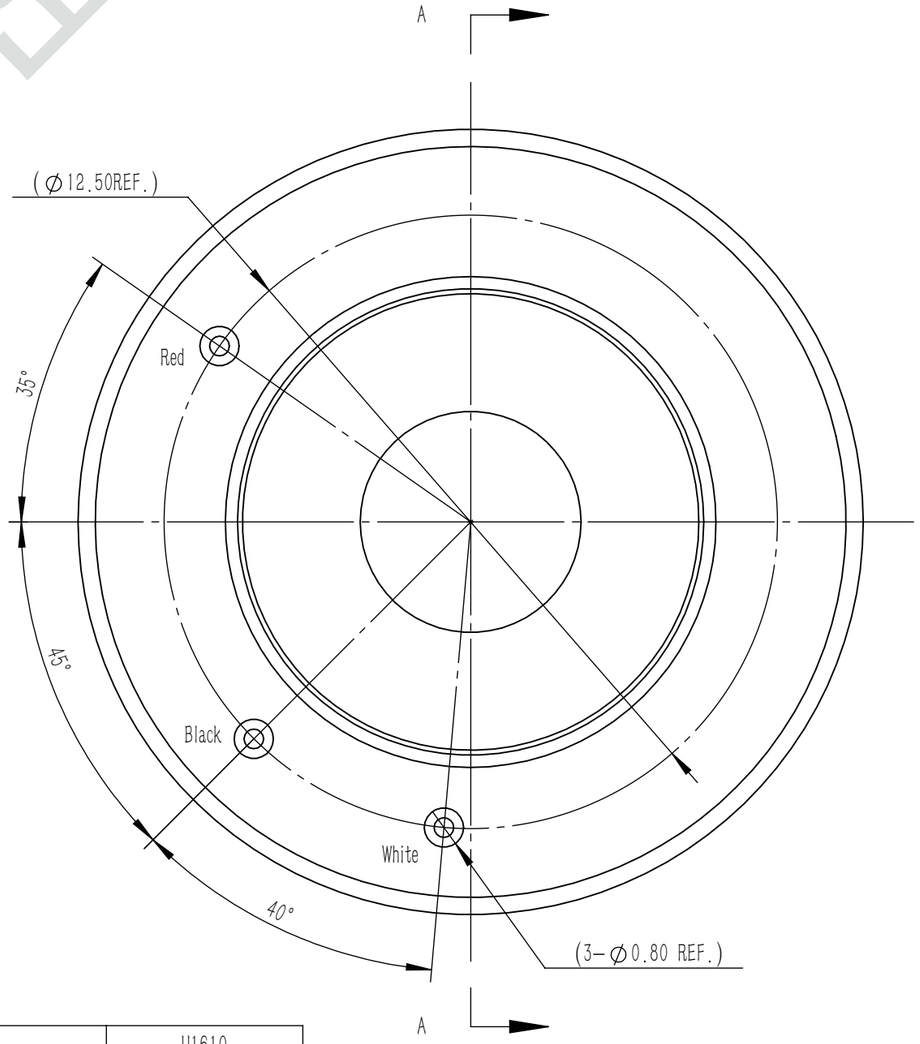
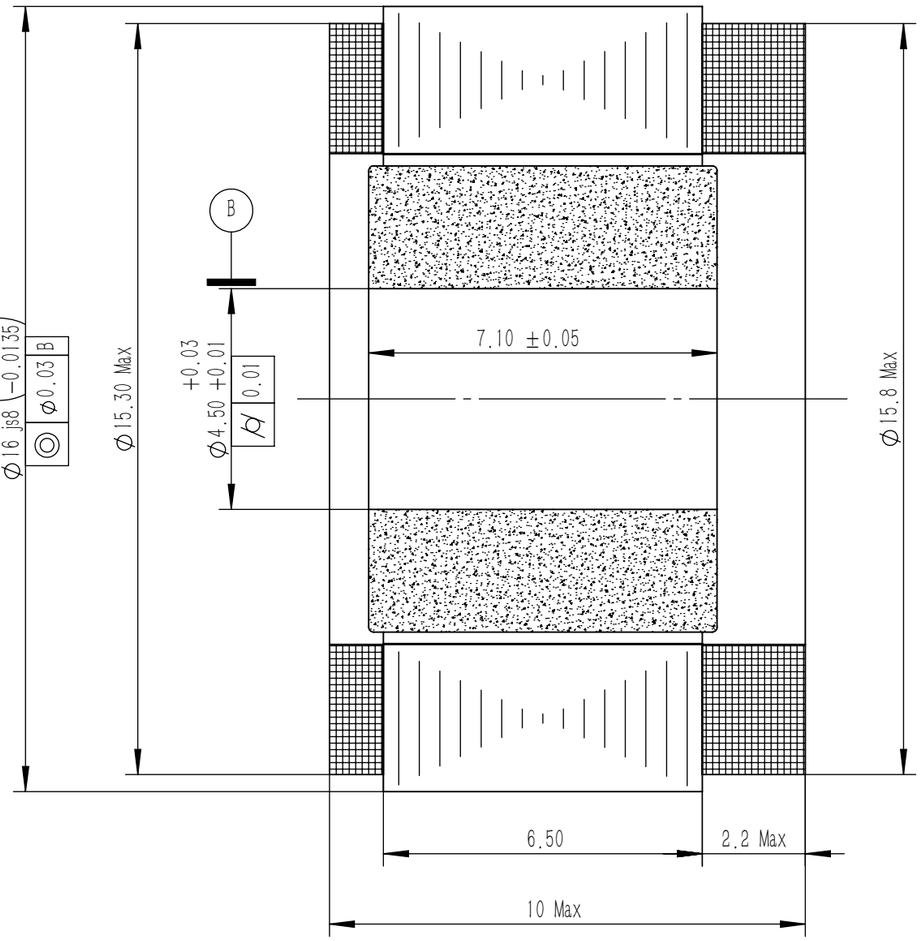
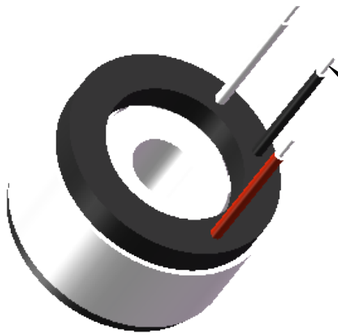
保密



A-A
8 : 1



Model	U1610
DC voltage (VDC)	24
Rated output (W)	9.4
Rated torque (N.m)	0.006
Rated current(A)	0.4
Rated speed (rpm)	15000
Maximum speed (rpm)	17000
Instant max torque (N.m)	0.018
Instant max current (A)	1.5
Coil resistance (ohms@20℃)	3
Coil inductance (mH)	0.32
Torque parameters (Nm/A)	0.015
Back EMF coefficient (Vrms/KRPM)	0.97
Number of pole-pairs (2P)	5
Rotor inertia (Kg.cm2)	0.0004
Winding connection way	Y



Wire: #26AWG red,black,white,corresponding to U, V, W
Wire length 250mm

								MOSRAC强和电机
						Drawing Sign	Version V1.0	U1610 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI-YF-U1610DJA01
Designer	ZZY	2026/7/14	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical			Approval			Sheet of		