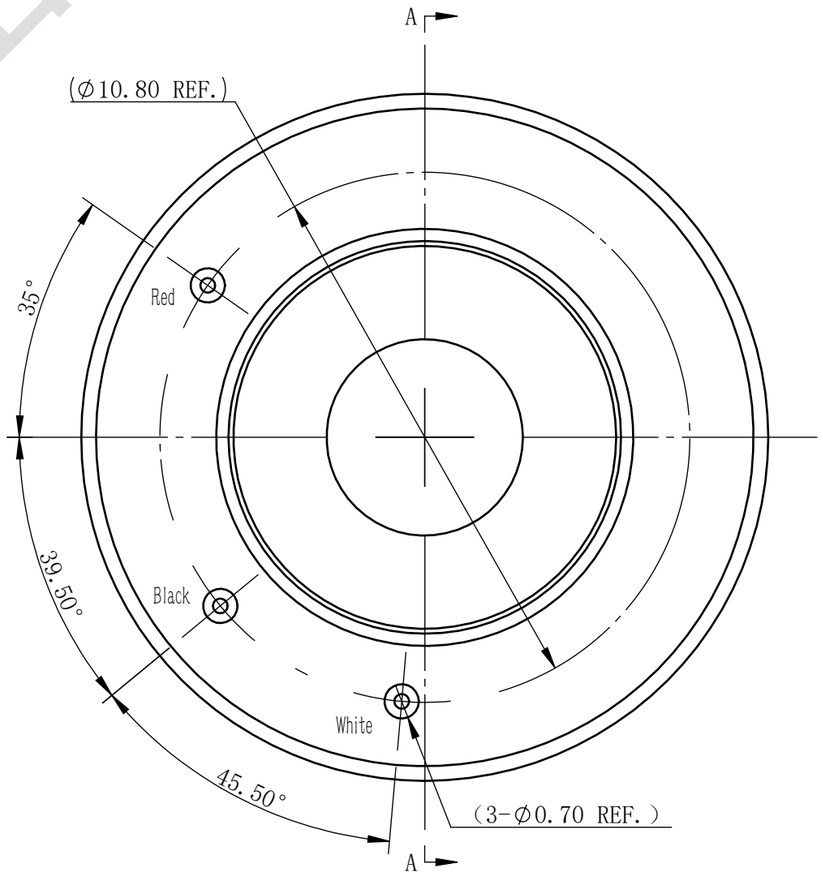
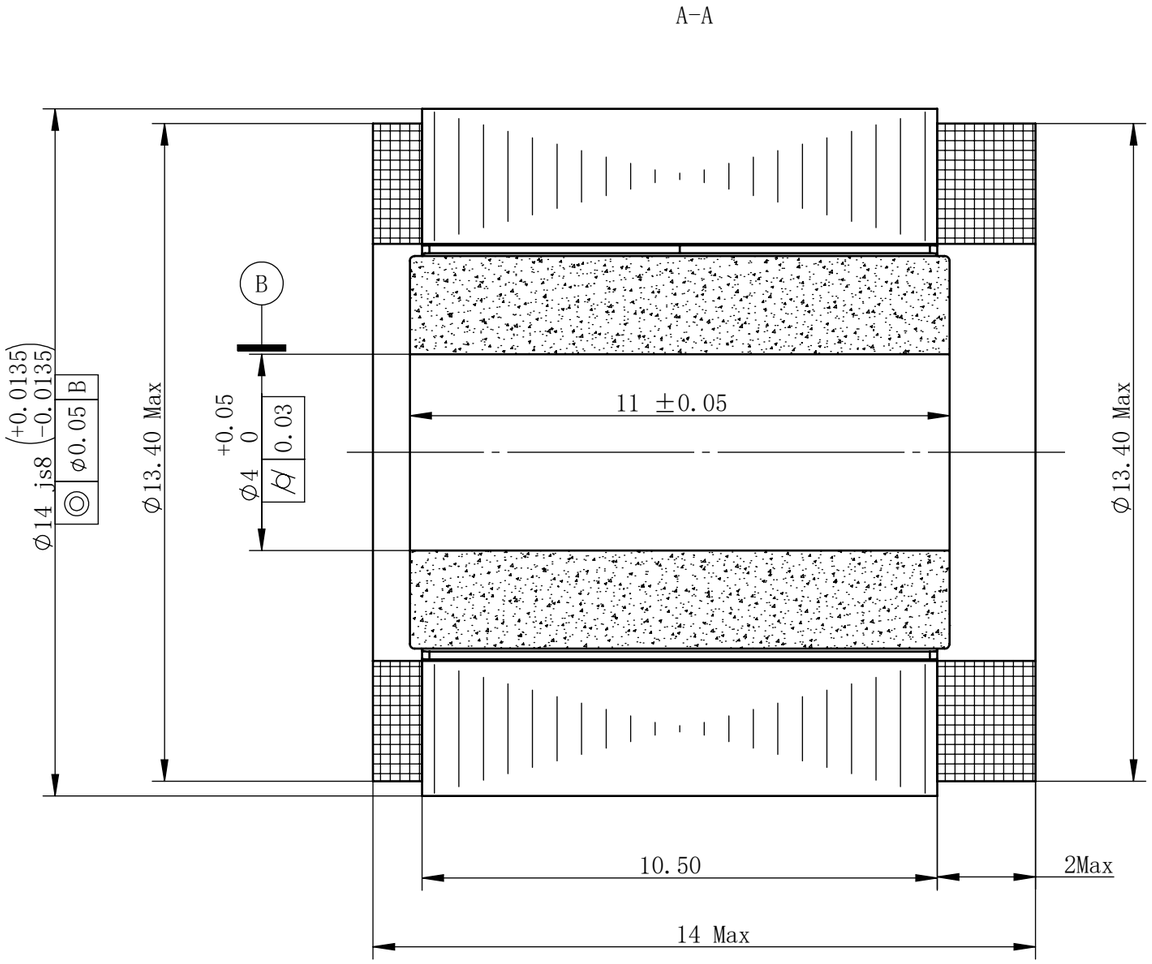
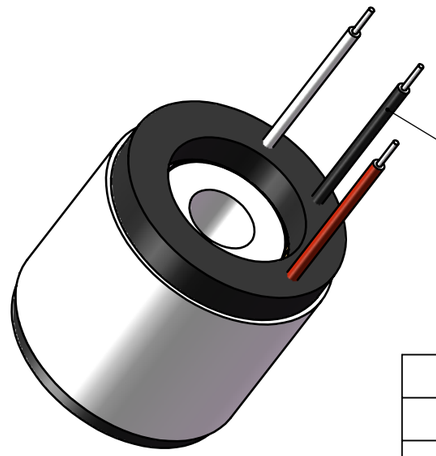
保密





Model	U01414-00000
DC voltage (VDC)	24
Rated output (W)	7.5
Rated torque (N.m)	0.012
Rated current(A)	0.8
Rated speed (rpm)	6000
Maximum speed (rpm)	8000
Instant max torque (N.m)	0.036
Instant max current (A)	2.4
Coil resistance (ohms@20℃)	15.6
Coil inductance (mH)	0.9
Torque parameters (Nm/A)	0.015
Back EMF coefficient (Vrms/KRPM)	1.18
Number of pole-pairs (2P)	5
Rotor inertia (Kg.cm2)	0.00031
Winding connection way	Y



Wire: #30AWG red,black,white,corresponding to U, V, W
Wire length 250mm

								MOSRAC强和电机
						Drawing Sign	Version V1.0	Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	U01414-00000
Designer	ZSX	2026/9/18	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical			Approval			Sheet 1 of 1		