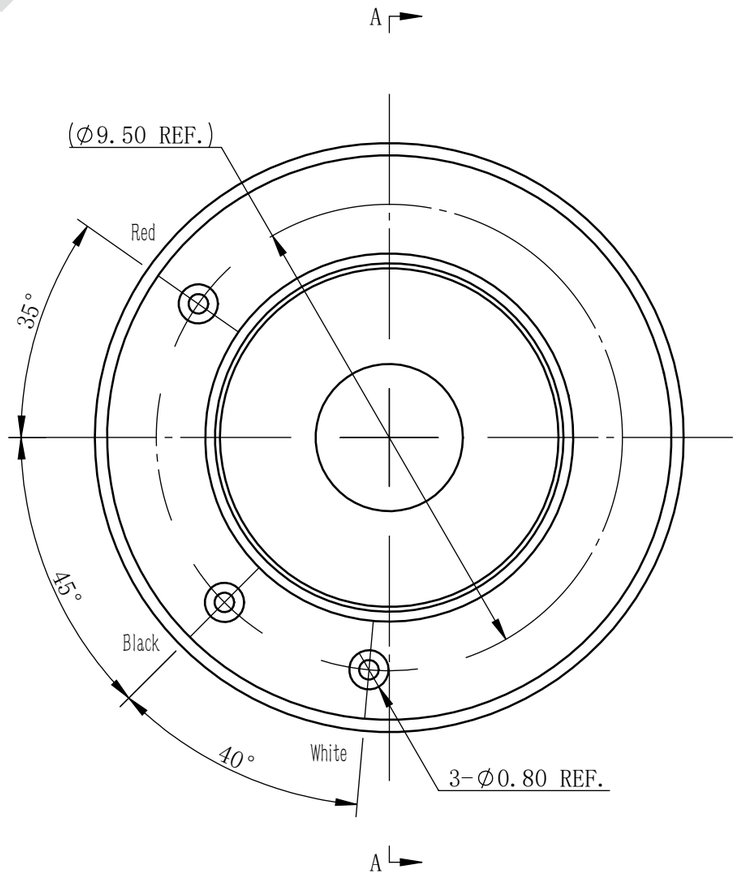
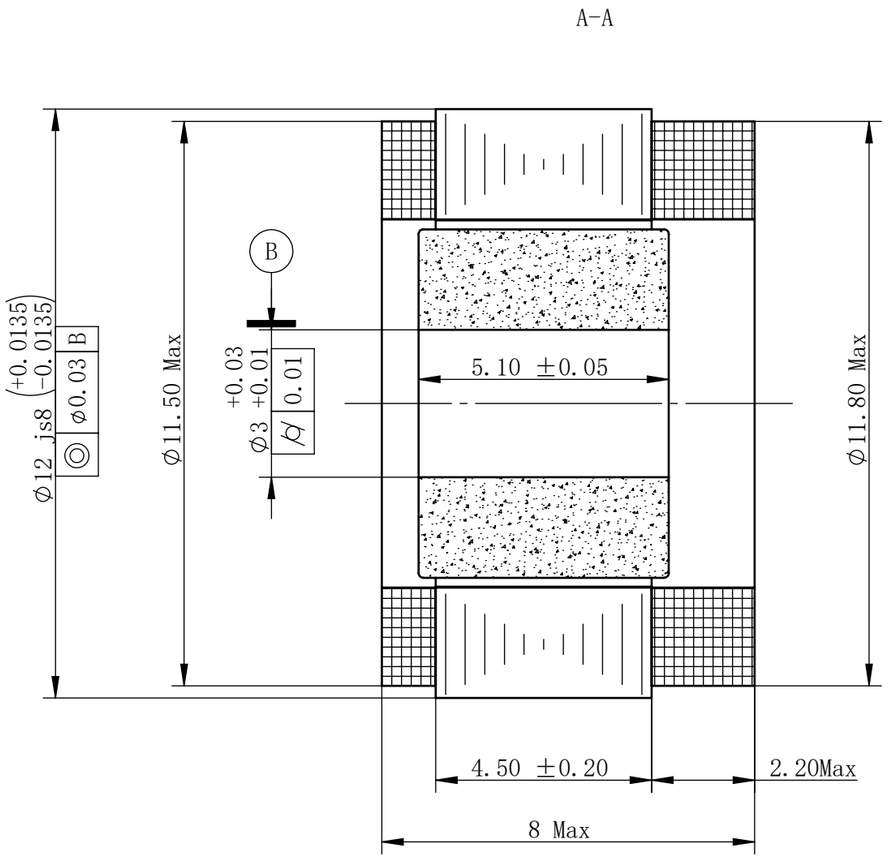
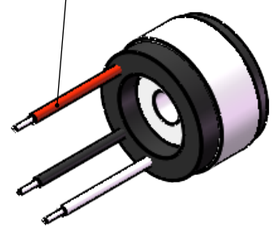
保密





Model	U1208
DC voltage (VDC)	24
Rated output (W)	6.2
Rated torque (N.m)	0.00285
Rated current(A)	0.27
Rated speed (rpm)	21000
Maximum speed (rpm)	24500
Instant max torque (N.m)	0.00855
Instant max current (A)	1.2
Coil resistance (ohms@20℃)	8.4
Coil inductance (mH)	0.49
Torque parameters (Nm/A)	0.013
Back EMF coefficient (Vrms/KRPM)	0.96
Number of pole-pairs (2P)	5
Rotor inertia (Kg.cm2)	0.00013
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	U1208 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI-U1208DJA01
Designer	ZZY	2026/9/16	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical			Approval			Sheet 1 of 1		