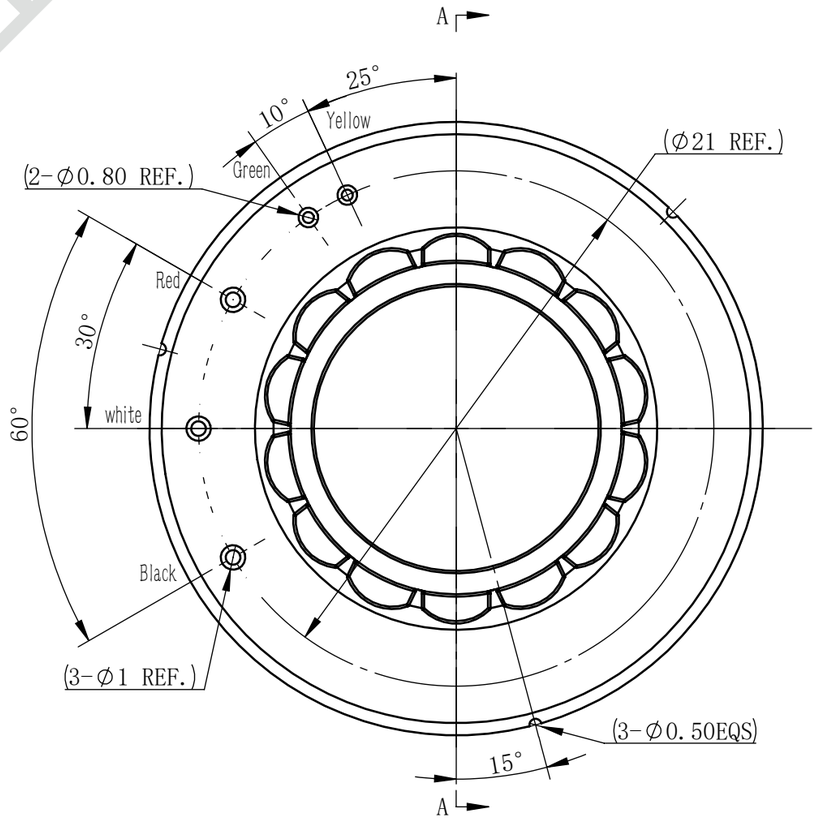
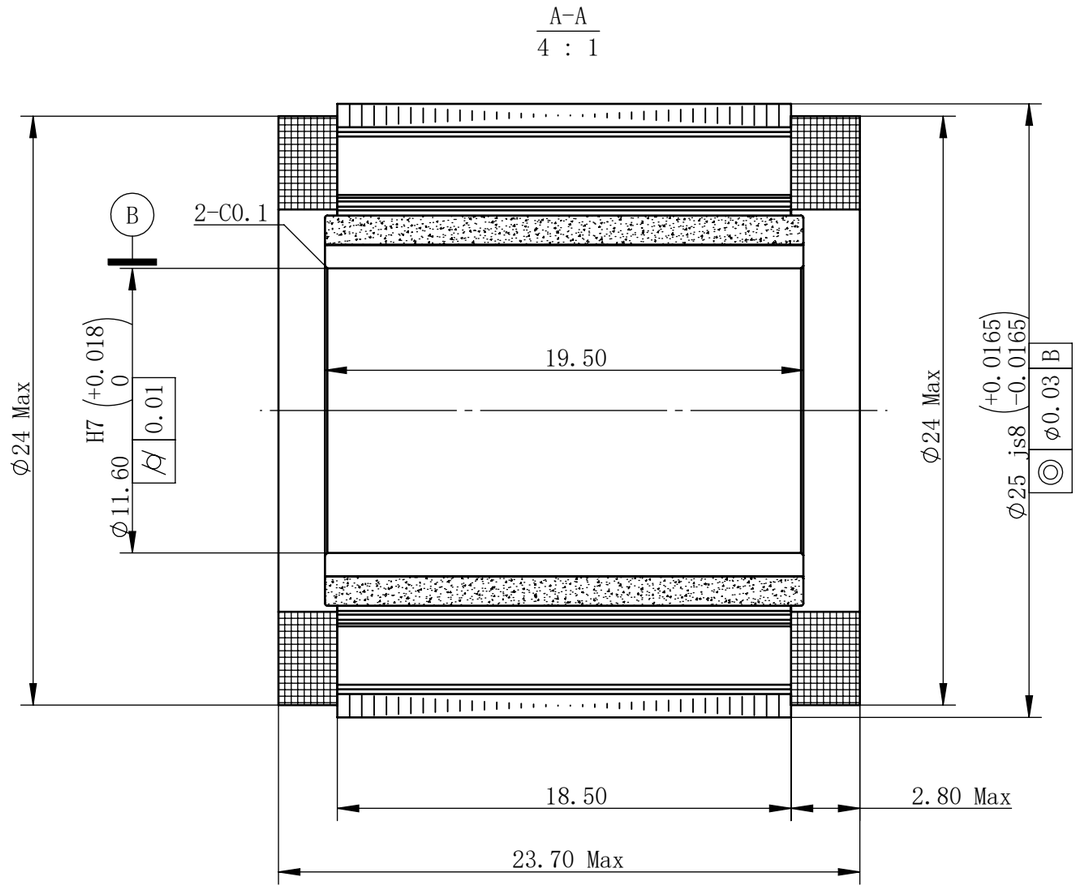
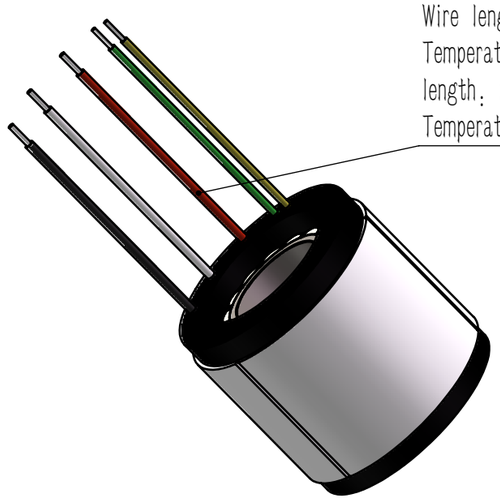
保密





Model	U2523
DC voltage (VDC)	24
Rated output (W)	47.1
Rated torque (N.m)	0.075
Rated current(A)	3
Rated speed (rpm)	6000
Maximum speed (rpm)	8000
Instant max torque (N.m)	0.225
Instant max current (A)	9
Coil resistance (ohms@20℃)	0.95(REF.)
Coil inductance (mH)	0.2(REF.)
Torque parameters (Nm/A)	0.025
Back EMF coefficient (Vrms/KRPM)	1.95
Number of pole-pairs (2P)	7
Rotor inertia (Kg.cm2)	0.006
Winding connection way	Y



Wire: #24AWG red,white,black,corresponding to U, W, V
Wire length 200mm
Temperature control wire: #26AWG, yellow and green wires, length: 200mm
Temperature Coefficient Thermistor: CA-NTC24C018

								MOSRAC强和电机
						Drawing Sign	Version V1.0	U2523 Frameless Torque Motor
Marker	Place number	Drawing Zone	Rev.No.	Signature	Month-Day-Year		Weight	WI-YF-U2523DJA01
Designer	LZB	2026/7/16	Unification				Scale	MOSRAC Motor R&D Department
Checker			Process Engineer					Perspective
Technical			Approval			Sheet 1 of 1		