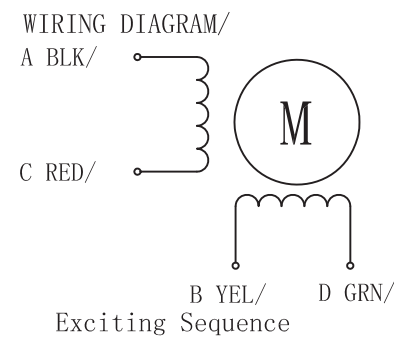
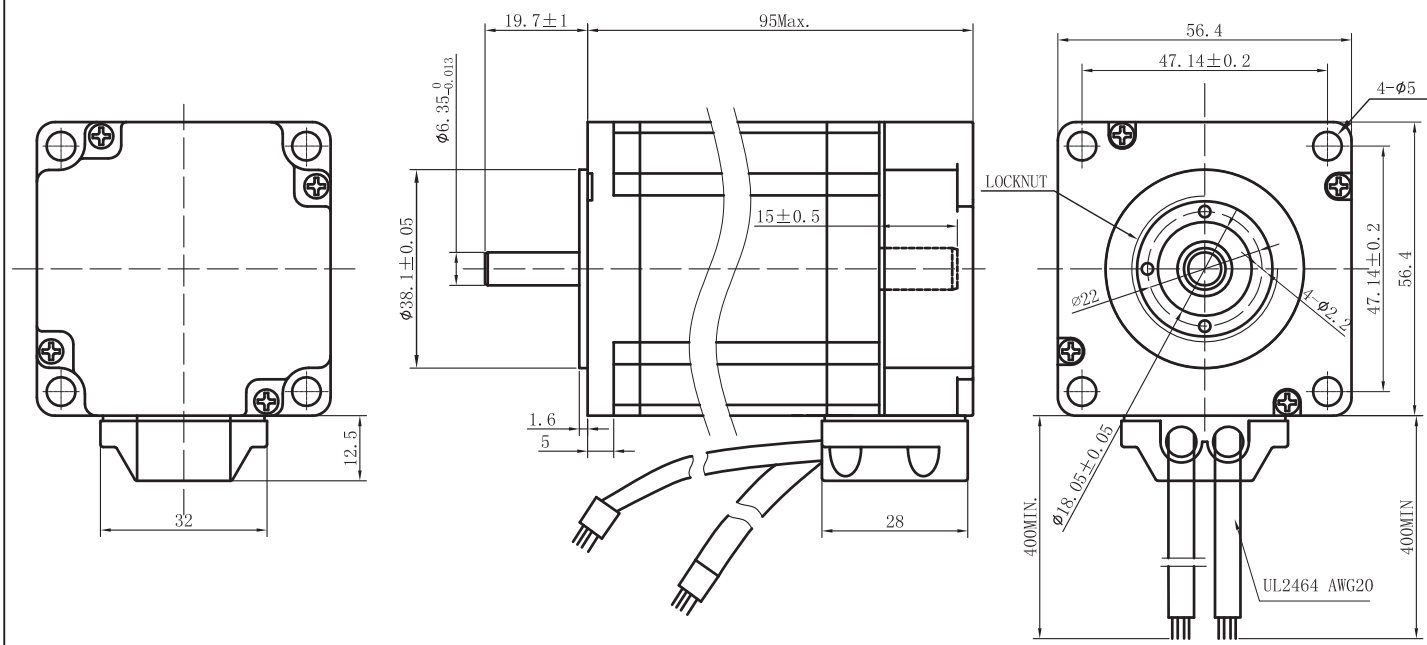


REV	ECN NO.	DESCRIPTION	DRN	APP'D	DATE



CCW DIRECTION	STEP	A	C	B	D
↓	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

CCW, see from flange side

SPECIFICATION

STEP ANGLE	1.8°/full step	PERMISSIBLE RADIAL+AXIAL FORCE			
STEP ANGLE ACCURACY	±5%				
NUMBER OF PHASE	2				
RATED VOLTAGE	1.8 VDC				
RATED CURRENT	6.0 A				
RESISTANCE/PHASE	0.3±0.1 ohms@20°C				
INDUCTANCE/PHASE	1.2±20% mH@1kHz				
HOLDING TORQUE	1.6 N.m				
PULL OUT TORQUE	N/A				
BACK EMF	V @300RPM				
DETENT TORQUE	N.cm				
ROTOR INERTIA	480 g.cm ²				
WEIGHT	1.5 Kg				
TEMPERATURE RISE	Less than 80K			AXIAL-FORCE	Fa=15 N Max.
SOURCE VOLTAGE	N/A			DISTANCE	a=20 mm
INSULATION CLASS	B 130°C			RADIAL-FORCE	Fr=75 N Max.
DIELECTRIC STRENGTH	500VAC 1MIN	SHAFT RADIAL PLAY	0.02mm Max. @4N		
INSULATION RESISTANCE	100MΩ @500VDC	SHAFT AXIAL PLAY	0.08mm Max. @4N		
IP CODE	40				
OPERATION AMBIENT	Ambient temperature:-20...+50°C, humidity Max. 85%(No condensation)				
STORAGE AMBIENT	Ambient temperature:-20...+85°C, humidity Max. 85%(No condensation)				

Lead Colour VS Encoder Signal

Colour	Signal
BLK	GND
RED	VCC (+5V)
BLU	EA+
BLU/WHT	EA-
ORG	EB+
ORG/WHT	EB-

DESIGN			DATE		P/N.	
UNLESS OTHERWISE SPECIFIED TOLERANCES:			MATERIAL		CONTR.	
DECIMALS: .x ±0.5			CHECK		TITLE Specifications	
ANGULAR: .xx ±0.25			APPD		USED ON	
.xxx ±0.1			SCALE 1:2		DWG NO.	
UNIT: mm			SHEET OF		REV A	
DO NOT SCALE DRAWING			FIRST ANGLE PROJECTION		MST232B013Z2E26.0Q	