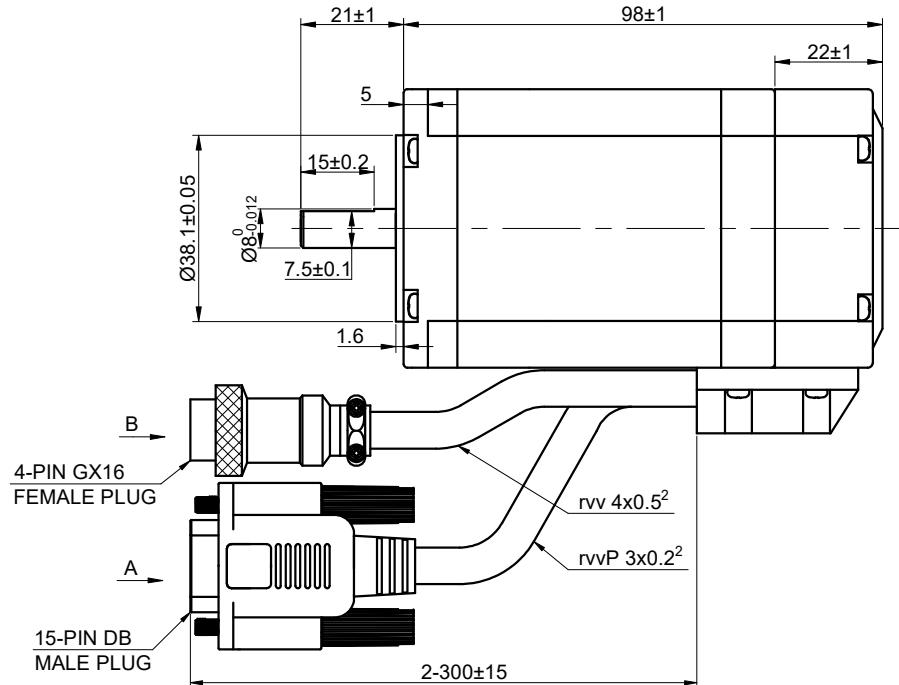
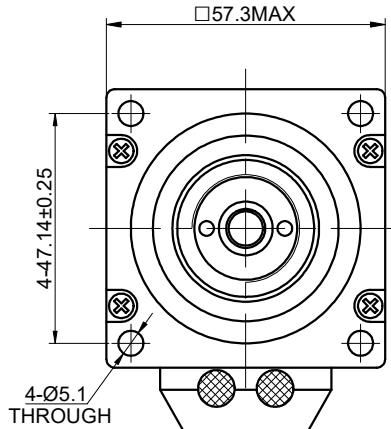
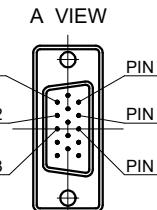
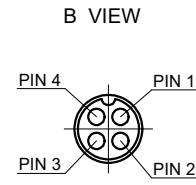


MODEL NO.	23HS30-5004D-E1000	REV.	REVISION RECORD	BY	DATE
CUSTOMER'S MODEL: NO MODEL		0	ORIGIN	PJ	5.24.2023
END COVER COLOR: BLACK					



COMMENT:  
 1.DYNAMIC AXIAL LOAD: 15N MAX  
 2.DYNAMIC RADIAL LOAD @ SHAFT LENGTH 20mm: 75N MAX  
 3.TMBF 6000h OR MORE @ 24V/300RPM  
 4.INSULATION RESISTANCE (NORMAL TEMPERATURE AND HUMIDITY): 100 Mohm  
 5.DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE )

SPECIFICATION \ CONNECTION	BIPOLAR
AMPS/PHASE	5.00
RESISTANCE/PHASE(Ohms)@25°C	0.42 ± 10%
INDUCTANCE/PHASE(mH)@1KHz	1.70 ± 20%
HOLDING TORQUE(Nm)[lb-in]	2.00 [17.71]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	480 REF
DETENT TORQUE(g-cm)	700 REF
AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
INSULATION CLASS	B 130°C[266°F]
TEMPERATURE RISE	MAX.80°C



ENCODER RESOLUTION:1000PPR(4000CPR)							
15-PIN DB MALE PLUG	1	2	3	11	12	13	
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-	

FULL STEP 2 PHASE-Ex., WHEN FACING MOUNTING END (X)						DIMENSIONS ARE IN MILLIMETERS. TOLERANCES AS BELOW:	
STEP	A+	B+	A-	B-	CCW	DECIMALS	ANGLES
1	+	+	-	-		X ±0.5	±2°
2	-	+	+	-		X.X ±0.25	
3	-	-	+	+		X.XX ±0.13	
4	+	-	-	+	CW		
					THIRD ANGLE PROJECTION		

## STEPPER MOTOR

23HS30-5004D-E1000

THIS DOCUMENT SHALL NOT BE REPRODUCED NOR SHALL THE INFORMATION CONTAINED HEREIN BE USED BY OR DISCLOSED TO OTHERS UNLESS EXPRESSLY AUTHORIZED IN BY WRITING STEPPERONLINE.

SIGNATURE	DATE
DRN	PJ
APVD	5.24.2023

REV. 0 SCALE 2:3 DWG NO. A1267

P/N: XXXXXXXXXXXXXXX  
 YEAR  
 MONTH  
 DATE  
 MOTOR NUMBER

MOTOR CONNECTION		
GX16 PIN NO	BIPOLAR	WINDING
1	A+	A+ A- B+ B-
2	A-	
3	B+	
4	B-	