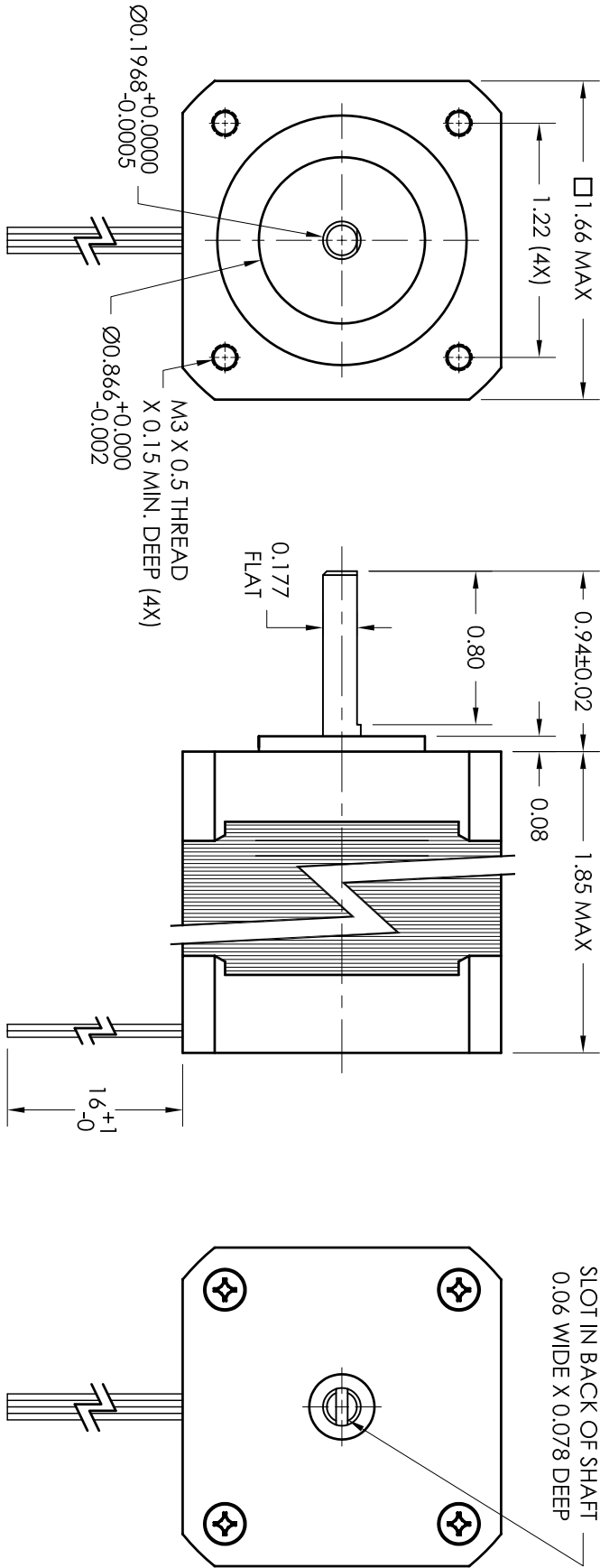


NOTE: RATED @ 2.0 AMPS  
RESISTANCE PER PHASE: 1.2 OHMS  
CONNECTION: 4 WIRES  
LEAD WIRE: 16-17 IN. LONG, #26 AWG  
COLOR CODE: 1

REVISIONS				
ECN	Rev.	Date	Description	Int.
3249	A	04-29-03	ORIGINAL	DP



Unless Otherwise Specified  
Dimensions Are In :  
Inches [mm]  
Tolerances Are :

Angles ± 1°	
Inches	mm
.xx ± 0.01	.x ± 0.25
.xxx ± 0.005	.xx ± 0.13
.xxxx ± 0.0005	.xxx ± 0.013

APPROVALS		DATE	MATERIAL	
DRAWN	<i>Dp</i>	04/29/03	1.8° STEP MOTOR	
CHECKED				
ISSUED				
			SCALE	SHEET
			1 : 1	1 OF 1




**LIN ENGINEERING**  
Step Motor Specialists

DO NOT SCALE DRAWING

## MOTOR No.:4218L-01-11

FULL STEP ANGLE	1.8°
MOTOR FRAME SIZE	NEMA Size 17
BODY LENGTH	1.89" Maximum
RATED CURRENT/PHASE	2Amps
RESISTANCE/PHASE	1.2Ω ±10%
INDUCTANCE/PH	2.30mH±20%
ROTOR INERTIA	0.37oz-in <sup>2</sup>
BEARING TYPE	ABEC3
HOLDING TORQUE 2 PHASE ON	74.69 oz-in
AMBIENT OPERATING TEMPERATURE	-20° C to 50° C
AMBIENT OPERATING HUMIDITY(non condensing)	85% Max
LEAD WIRES	(4) # 26 AWG
DIELECTRIC STRENGTH	500V
LEAD WIRE CONNECTION	

Switching Sequence					
CCW	STEP	A	$\bar{A}$	B	$\bar{B}$
	1	+	-	+	-
	2	+	-	-	+
	3	-	+	-	+
	4	-	+	+	-
	1	+	-	+	-
Motor Rotation Viewed from Front Shaft End					