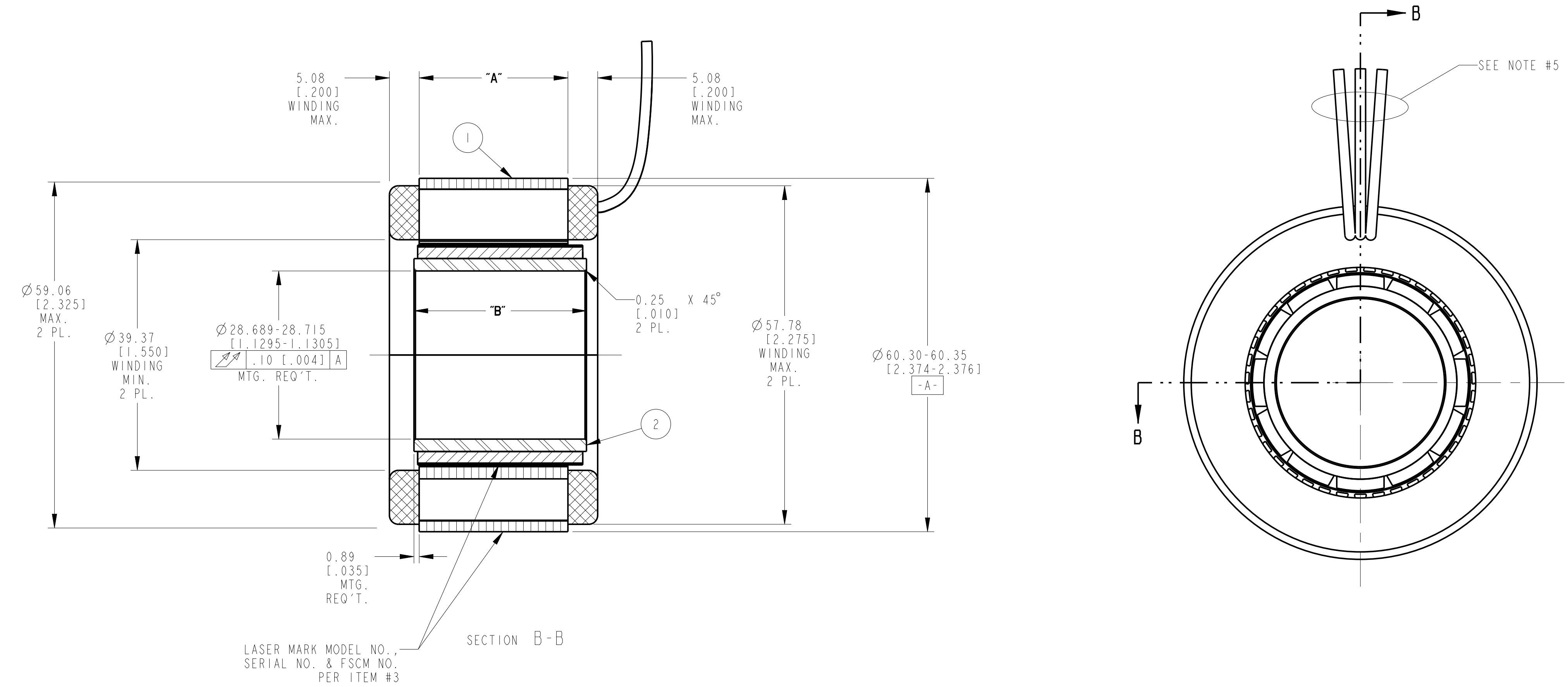


REVISION				
REV	ECN NO.	DESCRIPTION	DATE	APPROVED
A	R01.16804	SEE ECO	ALM 3/10/15	LW

- NOTES:
- MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS: ARMATURE & SENSOR ASSEMBLY AND FIELD ASSEMBLY
  - FOR A C.W. ROTATION, AS VIEWED FROM LEAD END, ENERGIZE PER EXCITATION SEQUENCE TABLE.
  - MOUNTING SURFACE IS BETWEEN  $\varnothing 59.06$  [2.325] AND  $\varnothing 60.325$  [2.375] ON BOTH SIDES.
  - DIMENSIONS IN BRACKETS [ ] ARE IN INCHES AND ARE FOR REFERENCE ONLY.
  - MIN. BEND RADIUS FOR MOTOR LEADS IS 6.90 [1.27].

MOTOR LEADS:  
 #20 AWG TEFLON, COATED, PER MIL-W-22759/11, 3 LEADS, 400 mm [15.75"] MIN. LONG EACH, 1-RED, 1-WHITE & 1-BLACK



LASER MARK MODEL NO., SERIAL NO. & FSCM NO. PER ITEM #3

STEP	RED	WHITE	BLACK
1	+	-	
2	+		-
3		+	-
4	-	+	
5	-		+
6		-	+

EXCITATION SEQUENCE TABLE

MOTOR WIRING DIAGRAM	
PHASE "A"	RED LEAD
PHASE "B"	WHITE LEAD
PHASE "C"	BLACK LEAD

MODEL NUMBER	ARMATURE & SENSOR ASSY.	FIELD ASSY.	"A" DIM.	"B" DIM.
TBM-6013	960635/013	960633/013	12.45-12.95 [.490-.510]	16.76 [.660]
TBM-6025	960635/025	960633/025	25.15-25.65 [1.990-1.010]	29.46 [1.160]
TBM-6051	960635/051	960633/051	50.55-51.05 [1.990-2.010]	54.86 [2.160]

THIS DOCUMENT IS ONLY FOR USE BY THE INTENDED RECIPIENT AND CONTAINS KOLLMORGEN CONFIDENTIAL INFORMATION

Pro/E Instance Name: TBM-60XX-960634.025  
 Pro/E Drawing Name: 960634  
 Pro/E Model Type: ASSEM  
 Pro/Engineer Drawing

**METRIC DRAWING**

UNLESS OTHERWISE SPECIFIED: REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES X DECIMAL PLACES ±.4 [.015] XX DECIMAL PLACES ±.13 [.005] ANGULAR DIMENSIONS ±1°

DO NOT SCALE DRAWING; USE DIMENSIONS ONLY  
 ALL DIMENSIONS ARE IN MILLIMETERS  
 DIMENSIONS IN BRACKETS [ ] ARE IN INCHES AND ARE FOR REFERENCE ONLY  
 INTERPRET GEOMETRIC SYMBOLS PER ANSI Y14.5M-1992

THIRD ANGLE PROJECTION

3	AR	1M-2709	MARKING PROCEDURE
2	I	SEE TABLE	FIELD ASSEMBLY
1	I	SEE TABLE	ARMATURE ASSEMBLY

LIST OF PARTS

ITEM	QTY	IDENTIFYING NO.	DESCRIPTION
KOLLMORGEN			
501 MAIN STREET RADFORD, VIRGINIA 24141			
OUTLINE TBM-60XX-X00			
FSCM	SIZE	DWG. NO.	REV
11384	D	960634	A
SCALE: 2:1	JOB NO.:	SHEET 1 OF 1	