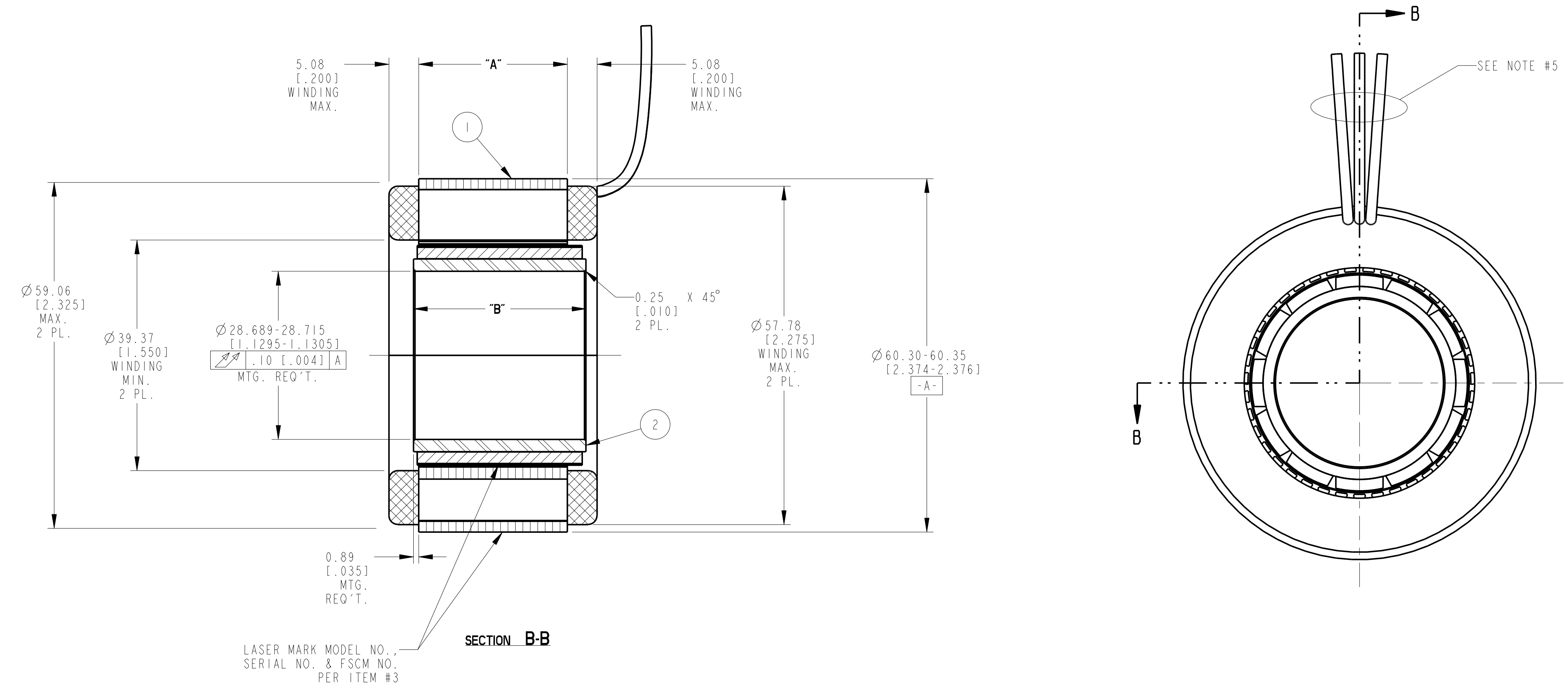


REV	ECN NO.	DESCRIPTION	DATE	APPROVED
-----	---------	-------------	------	----------

- 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:
 #18 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 [0.490-.510]	16.76 [0.660]
TBM-6025	960635/025	960633/025	25.15-25.65 [0.990-1.010]	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 [0.015] XX DECIMAL PLACES ±.13 [0.005] 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	IM-2709	MARKING PROCEDURE
2	I	SEE TABLE	FIELD ASSEMBLY
1	I	SEE TABLE	ARMATURE ASSEMBLY

ITEM QTY IDENTIFYING NO. DESCRIPTION

LIST OF PARTS

KOLLMORGEN 501 MAIN STREET RADFORD, VIRGINIA 24141

OUTLINE TBM-60XX-X00

DESIGNED BY: M. STONE	DATE: 22-Jun-14	FSCM: 11384	SIZE: D	DWG. NO.: 960634	REV: -
CHECKED BY: R. H.	DATE: 5-8-14	APPROVED BY: A. GARLICH	DATE: 5-19-14	SCALE: 2:1	JOB NO.: SHEET 1 OF 1