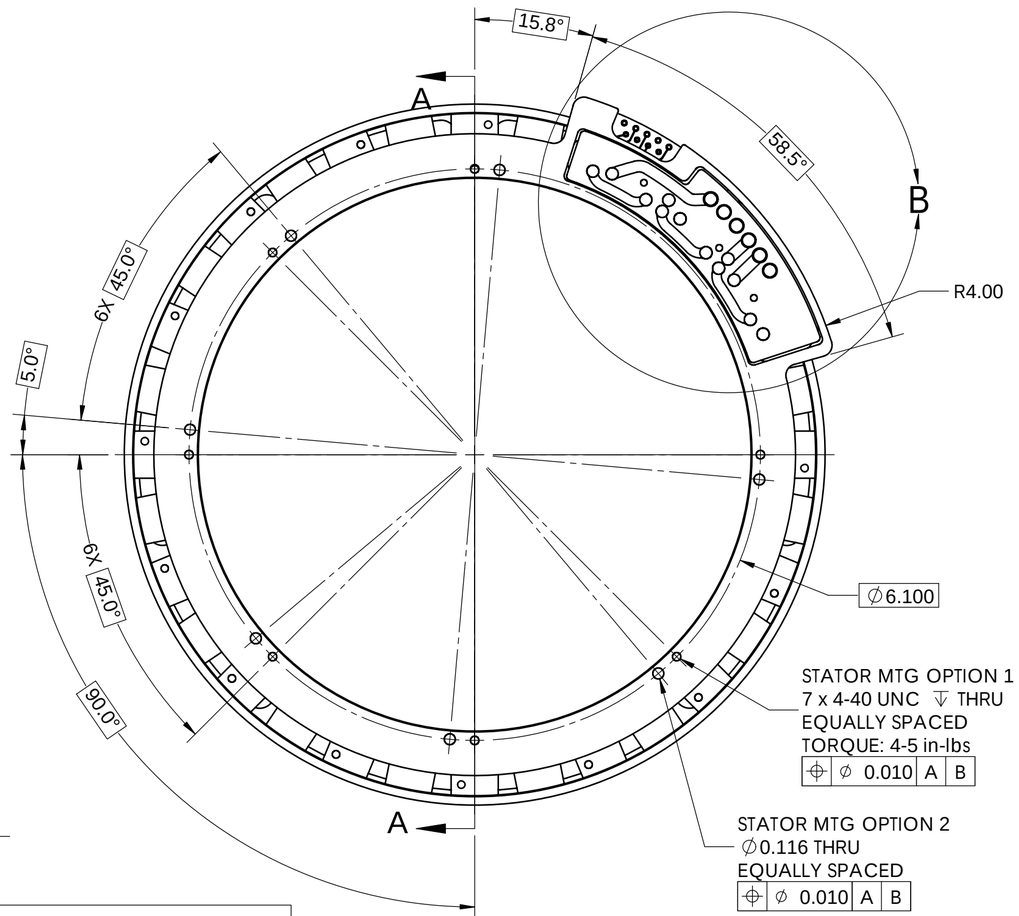
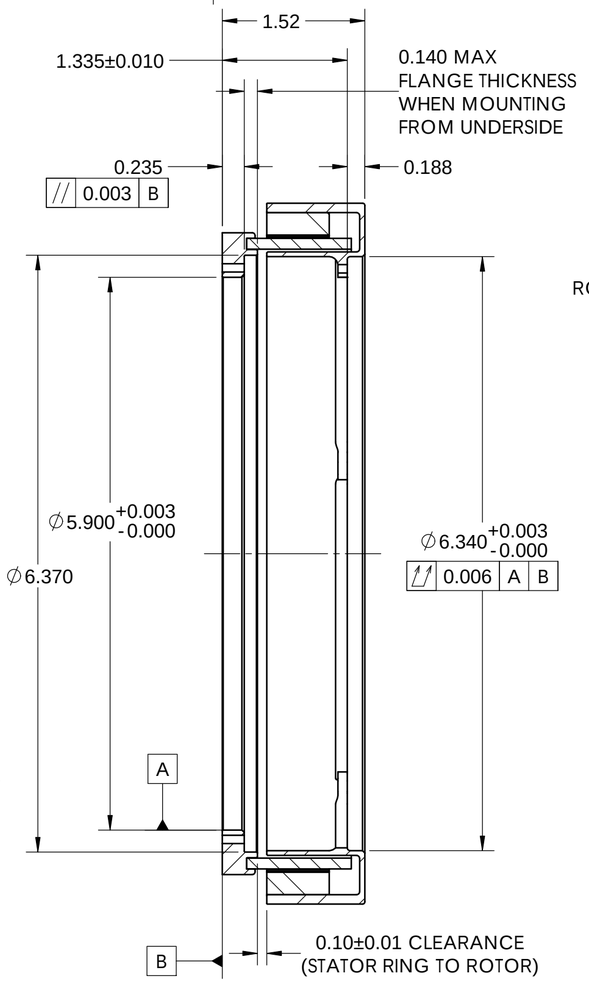


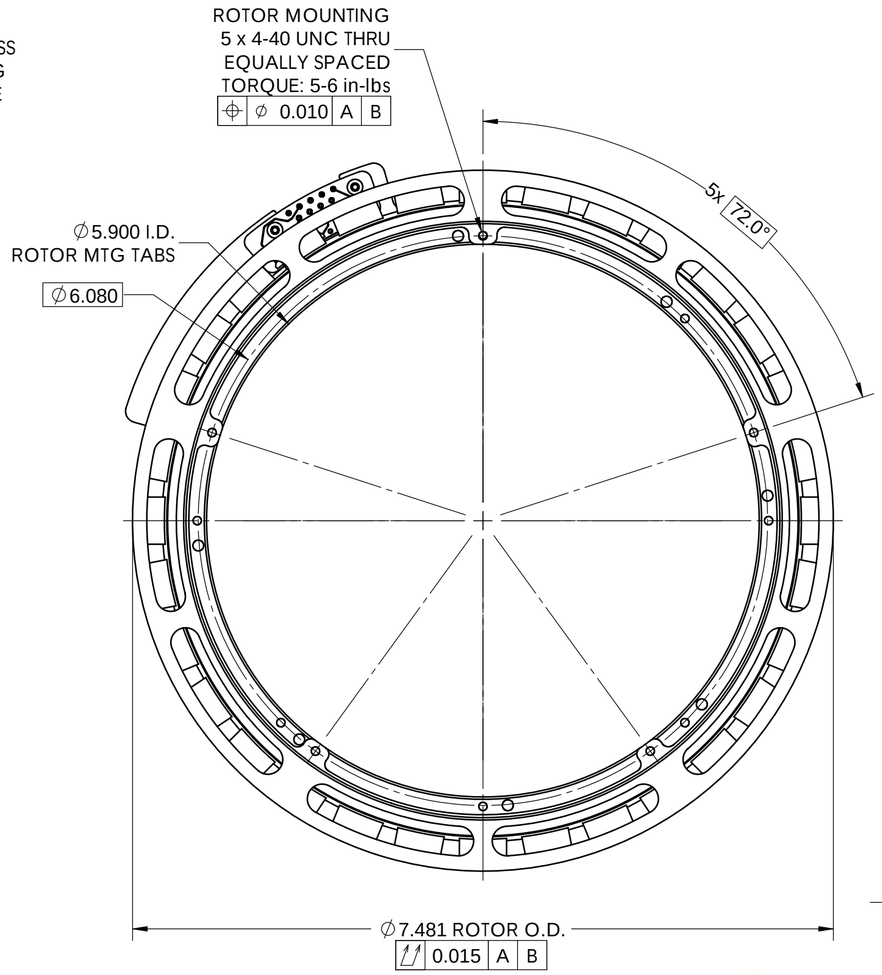
STATOR MTG OPTION 1
7 x 4-40 UNC ↧ THRU
EQUALLY SPACED
TORQUE: 4-5 in-lbs

⌖	∅ 0.010	A	B

STATOR MTG OPTION 2
∅0.116 THRU
EQUALLY SPACED

⌖	∅ 0.010	A	B

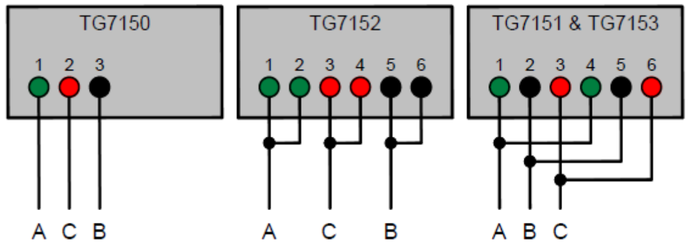


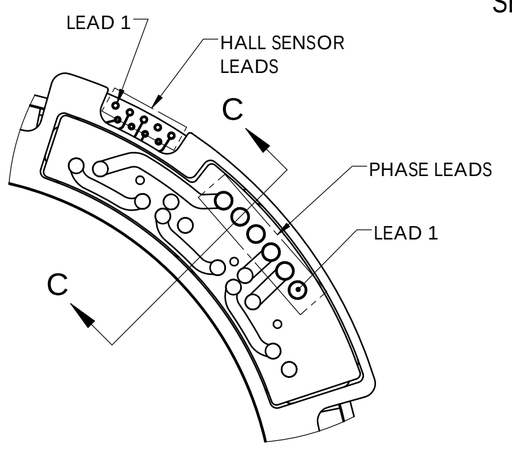


MOTOR EXCITATION

PHASE	EXCITATION STEP						
	1	2	3	4	5	6	1
A	+		–	–		+	+
B		+	+		–	–	
C	–	–		+	+		–

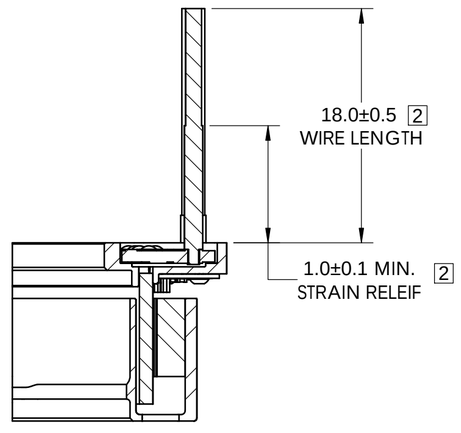
POWER CONNECTIONS 1



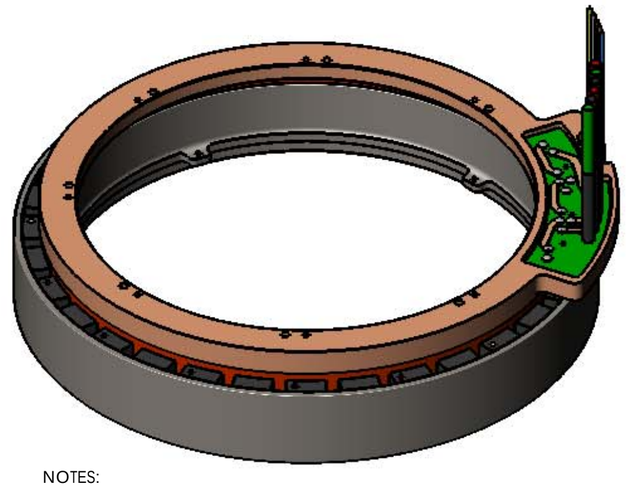


DETAIL B

SECTION A-A



SECTION C-C



NOTES:

1. POWER CONNECTIONS SHALL BE DONE IN ACCORDANCE TO THE DIAGRAMS SHOWN ON THIS PRINT.
2. PHASE LEAD WIRES EXIT STRAIGHT FROM THE PCB. FOR OPTIONAL RIGHT ANGLE EXIT, A MINIMUM CLEARANCE IS REQUIRED TO ACCOUNT FOR WIRE BEND RADIUS/STRAIN RELEIF.

Hall Sensor Lead Identification		
Lead #	Color	Description
1	YEL	V+
2	GRY	COM -
3	BRN	HALL A
4	ORN	HALL B
5	BLU	HALL C

TG7150 Phase Lead Identification		
Lead #	Color	Description
1	GRN	PHASE A
2	RED	PHASE C
3	BLK	PHASE B

TG7152 Phase Lead Identification		
Lead #	Color	Description
1 & 2	GRN	PHASE A
3 & 4	RED	PHASE C
5 & 6	BLK	PHASE B

TG7151 & TG7153 Phase Lead Identification		
Lead #	Color	Description
1 & 4	GRN	PHASE A
2 & 5	RED	PHASE C
3 & 6	BLK	PHASE B

Product Identification TG715X PART SET	
Item #	Description
TG7150-P010	PART SET, WYE SERIES
TG7151-P010	PART SET, DELTA SERIES
TG7152-P010	PART SET, WYE PARALLEL
TG7153-P010	PART SET, DELTA PARALLEL

DRAWING PROJECTION

	NAME	DATE
DRAWN	CS	23 DEC 15
CHECKED	DH	23 DEC 15
APPROVAL	EF	25 DEC 16

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
LINEAR: .X ±0.020 ANGLES: ±0.1°
.XX ±0.010
.XXX ±0.005

ThinGap
www.thingap.com

PART SET ASSEMBLY

ITEM# TG715X-P010

REV A

APPROX WEIGHT 2.4 lbs