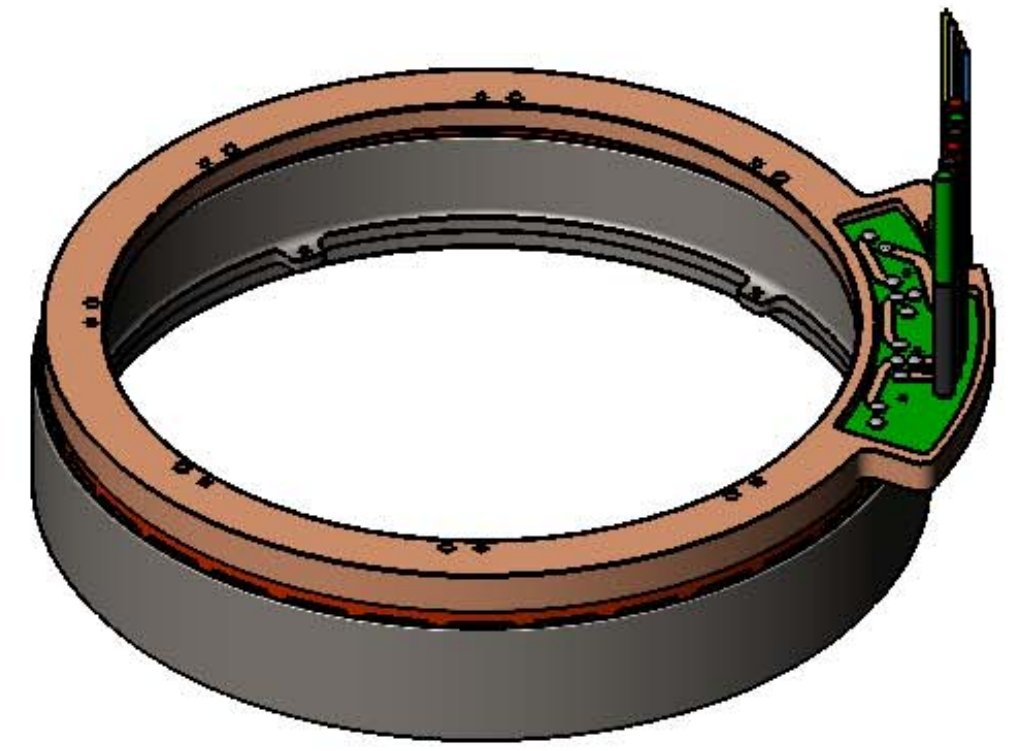
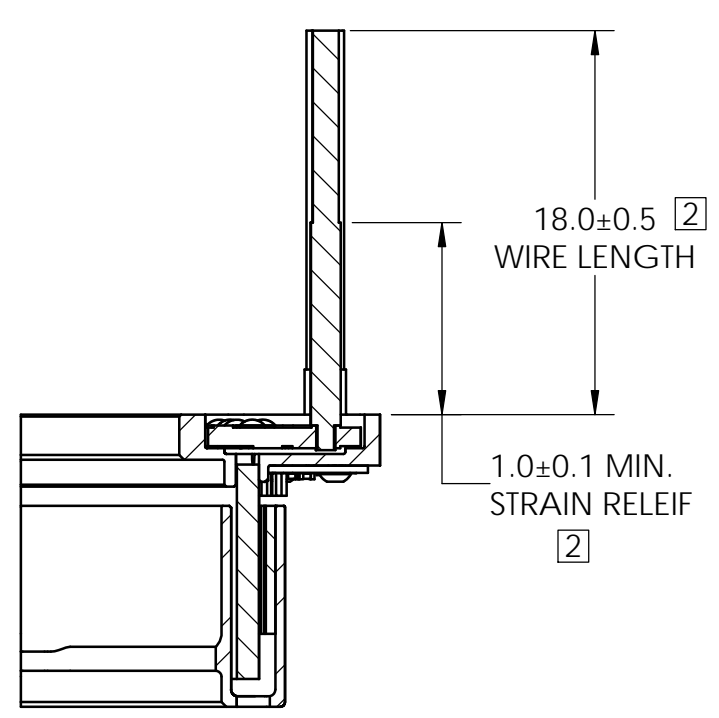
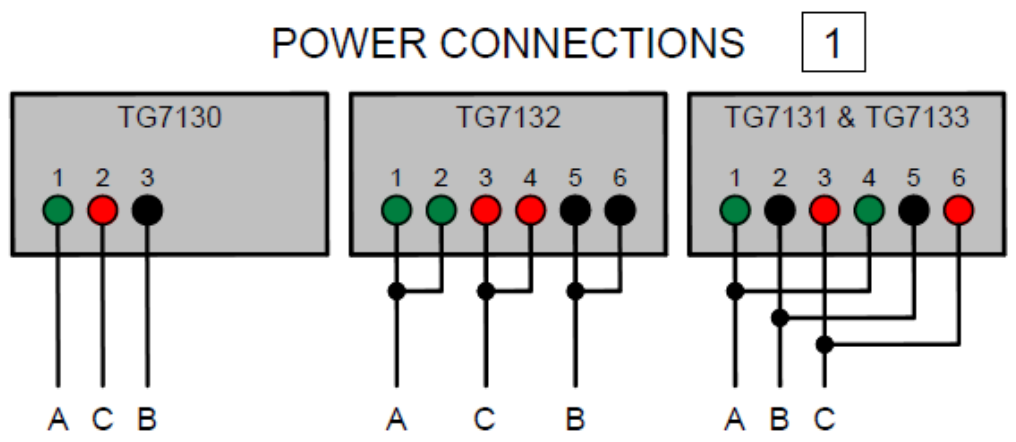
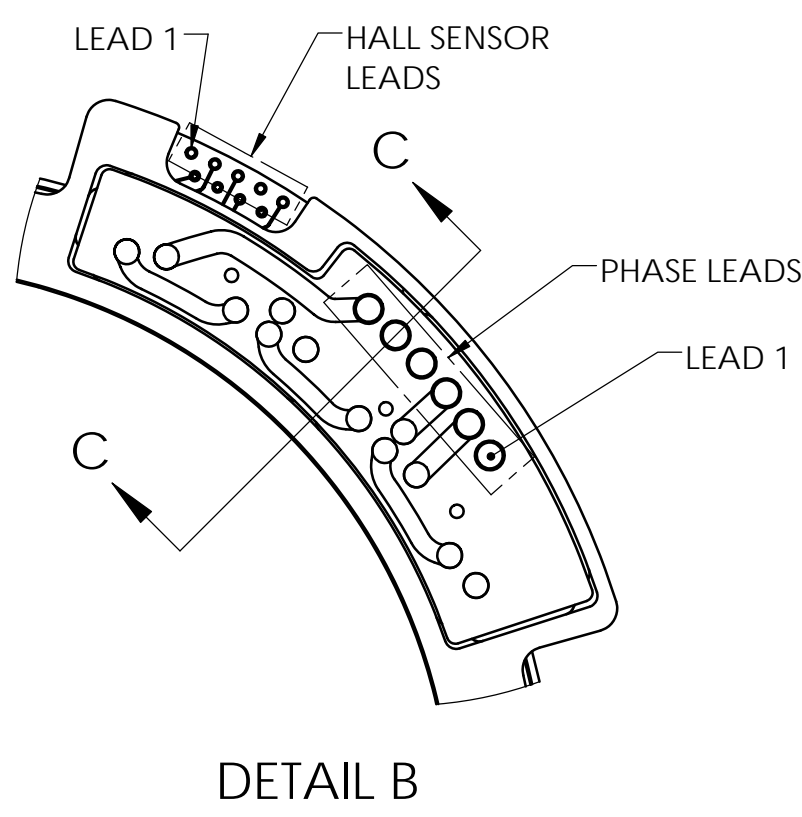


**MOTOR EXCITATION**

PHASE	EXCITATION STEP					
	1	2	3	4	5	6
A	+	-	-	+	+	
B		+	+	-	-	
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 RELIEF.

Hall Sensor Lead Identification			TG7130 Phase Lead Identification			TG7132 Phase Lead Identification			TG7131 & TG7133 Phase Lead Identification		
Lead #	Color	Description	Lead #	Color	Description	Lead #	Color	Description	Lead #	Color	Description
1	YEL	V+	1	GRN	PHASE A	1 & 2	GRN	PHASE A	1 & 4	GRN	PHASE A
2	GRY	COM -	2	RED	PHASE C	3 & 4	RED	PHASE C	2 & 5	RED	PHASE C
3	BRN	HALL A	3	BLK	PHASE B	5 & 6	BLK	PHASE B	3 & 6	BLK	PHASE B
4	ORN	HALL B									
5	BLU	HALL C									

**Product Identification TG713X PART SET**

Item #	Description
TG7130-P010	PART SET, WYE SERIES
TG7131-P010	PART SET, DELTA SERIES
TG7132-P010	PART SET, WYE PARALLEL
TG7133-P010	PART SET, DELTA PARALLEL

**DRAWING PROJECTION**

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

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

**ThinGap**  
www.thingap.com

**PART SET ASSEMBLY**

ITEM# **TG713X-P010** REV **A**

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