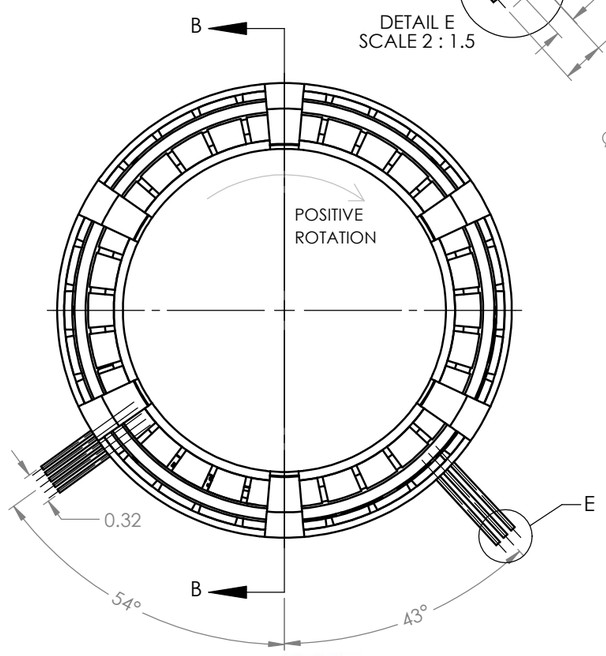
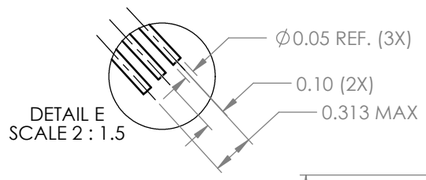
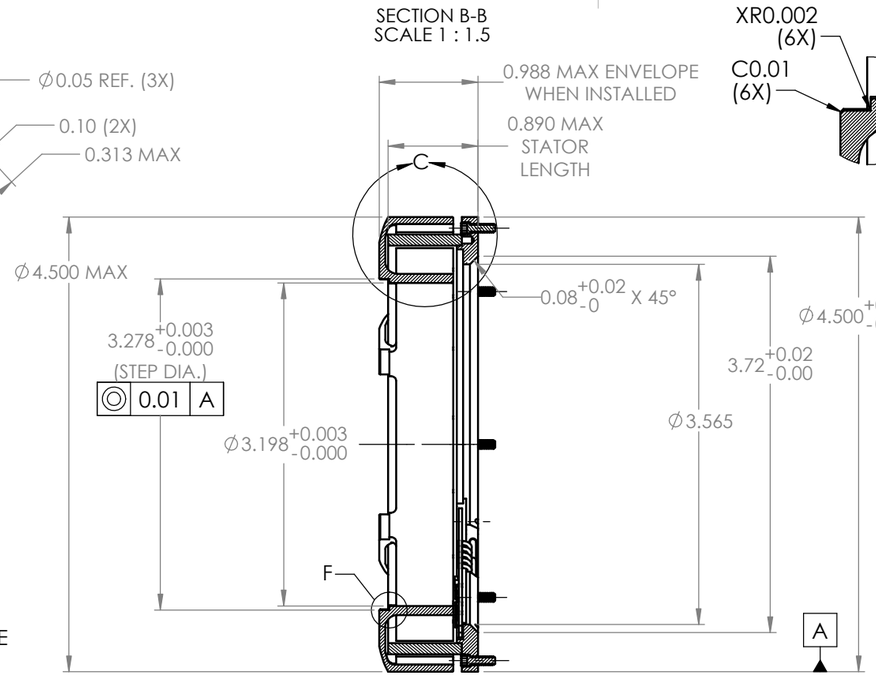
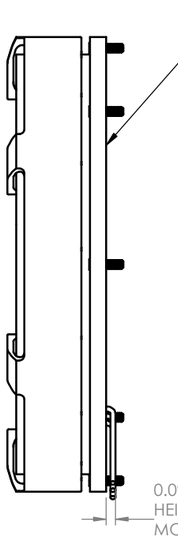
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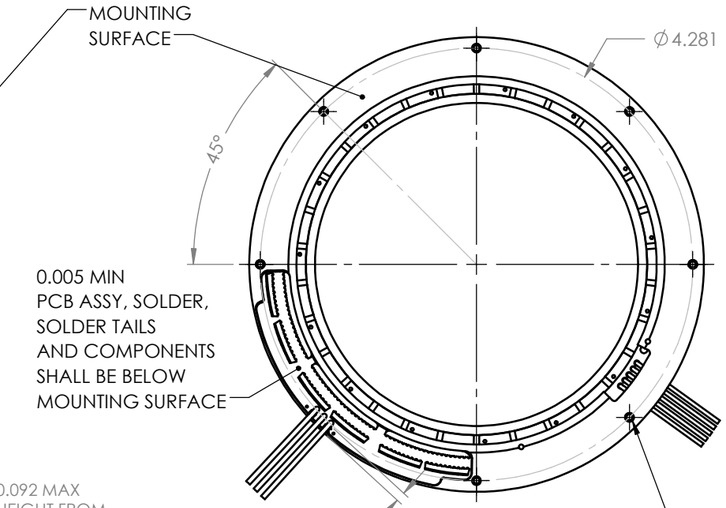
REVISIONS			
REV	DESCRIPTION	ECO#	DATE
06	ADD SPEC ON SHRINK TUBE PLACEMENT	0566	11/25/2019
07	ADD SMD INTERCONNECT PCB	0584	12/10/2019
08	REMOVE STATOR/ROTOR PAIRING REQ.	02151	11/02/2023

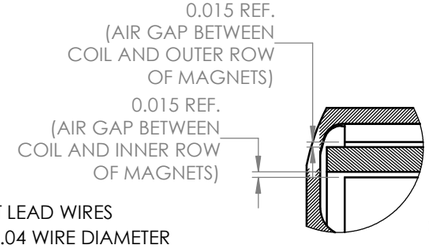


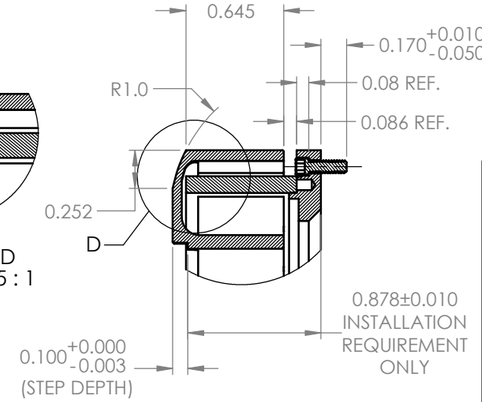






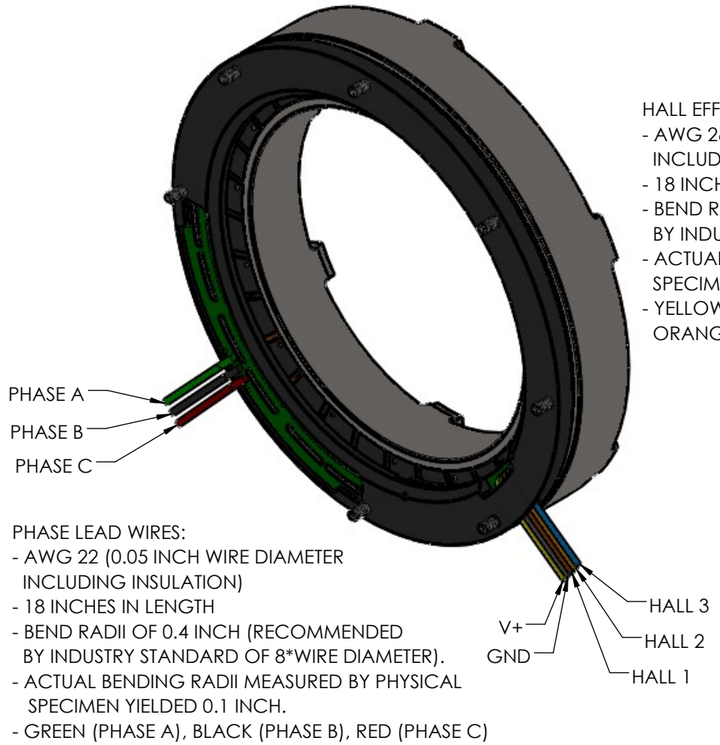




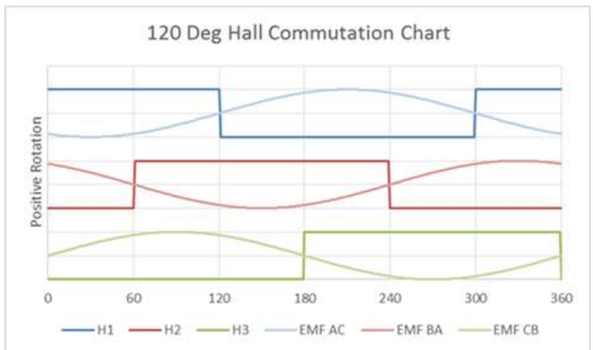


HALL EFFECT LEAD WIRES
- AWG 26 (0.04 WIRE DIAMETER INCLUDING INSULATION)
- 18 INCHES IN LENGTH
- BEND RADII OF 0.32 INCH (RECOMMENDED BY INDUSTRY STANDARD OF 8*WIRE DIAMETER).
- ACTUAL BENDING RADII MEASURED BY PHYSICAL SPECIMEN YIELDED 0.08 INCH.
- YELLOW (+V), GREY (GND), BROWN (HALL 1) ORANGE (HALL 2), BLUE (HALL 3)

Parameters	TG4060	Units	Tolerance
Outer Diameter	4.500	in	Refer to dwg
Through Hole Diameter	3.198	in	Refer to dwg
Axial Height	0.988	in	Refer to dwg
Part Set Weight	1.165	lbm	+/- 3%
Rotor Inertia	6.96E-4	lb-ft-s^2	+/- 3%
Voltage Constant	0.397	Vpkl-l(rad/s)	+/- 10%
Torque Constant	0.486	N-m/Arms	+/- 10%
Resistance	2.437	Ohms	+/- 10%
Inductance Range	72 - 138	uH	-



PHASE LEAD WIRES:
- AWG 22 (0.05 INCH WIRE DIAMETER INCLUDING INSULATION)
- 18 INCHES IN LENGTH
- BEND RADII OF 0.4 INCH (RECOMMENDED BY INDUSTRY STANDARD OF 8*WIRE DIAMETER).
- ACTUAL BENDING RADII MEASURED BY PHYSICAL SPECIMEN YIELDED 0.1 INCH.
- GREEN (PHASE A), BLACK (PHASE B), RED (PHASE C)



RELEASED

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	NAME	DATE
DRAWN	J. Tong	1/11/2018

MATERIAL: SEE NOTES

FINISH: SEE NOTES

DEBUR AND BREAK SHARP EDGES

DRAWING PROJECTION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
LINEAR: .X ± .020
.XX ± .010
.XXX ± .005
ANGULAR: ± 1.0°

thin gap
www.thingap.com

TITLE: ASSEMBLY PART SET TG4060-M010

DWG NO. 52-04703-00

REVISION 08

APPROXIMATE WEIGHT:

SHEET 1 OF 1