



Hall Sensor Lead Identification			TG305X Phase Lead Identification			Motor Excitation (Trapezoidal Commutation)			Product Identification TG305X Series Motor					
Lead #	Color	Description	Lead #	Color	Description	Phase	Excitation Step							
1	YEL	V+	1	GRN	PHASE A		1	2	3	4	5	6	1	TG3050-P010
2	GRY	COM -	2	BLK	PHASE B	A	+	-	-	+	+		TG3051-P010	Part Set, Series - Delta
3	BRN	HALL 1				B	+	+	-	-				
4	ORN	HALL 2	3	RED	PHASE C	C	-	-	+	+	-		TG3053-P010	Part Set, Parallel - Delta
5	BLU	HALL 3												

- 1 16 AWG, INSULATION DIAMETER 0.08"
2 26 AWG, INSULATION DIAMETER 0.04"

DRAWING PROJECTION		NAME		DATE		ThinGap		www.thingap.com	
		SC		01/21/16		PART SET ASSEMBLY		ITEM#	
DRAWN		XX		XX		TG305X-P010		REV	
CHECKED		XX		XX				A	
APPROVAL		XX		XX				APPROX WEIGHT	
								0.5 lbs	
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		TOLERANCES:		ANGLES: ±0.1°		COPYRIGHT © 2016 BY THINGAP			
LINEAR: X ±0.020 XX ±0.010 XXX ±0.005									