



Hall Sensor Lead Identification			TG304X Phase Lead Identification			Motor Excitation (Trapezoidal Commutation)							Product Identification TG304X Series Motor	
Lead #	Color	Description	Lead #	Color	Description	Phase	Excitation Step						Item #	Description
							1	2	3	4	5	6	1	
1	YEL	V+	1	GRN	PHASE A	A	+	-	-	-	+	+	TG3040-M010	Motor, Series - Wye
2	GRY	COM -	2	BLK	PHASE B	B	+	+	-	-			TG3041-M010	Motor, Series - Delta
3	BRN	HALL 1				C	-	-	+	+	-			TG3042-M010
4	ORN	HALL 2	3	RED	PHASE C								TG3043-M010	Motor, Parallel - Delta
5	BLU	HALL 3												

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

DRAWING PROJECTION		ThinGap www.thingap.com	
		MOTOR ASSEMBLY	
NAME	DATE	ITEM#	REV
DRAWN	01/18/16		
CHECKED	XX		
APPROVAL	XX	TG304X-M010	A
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES			
TOLERANCES:		APPROX WEIGHT	
LINEAR: X ±0.020	ANGLES: ±0.1°	0.5 lbs	
XX ±0.010			
XXX ±0.005			
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