



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							Item #	Description
1	2	3	4	5	1		2	3	4	5	6	1	TG3050-M010	Motor, Series - Wye	
1	YEL	V+	1	GRN	PHASE A	A	+	-	-	+	+	TG3051-M010	Motor, Series - Delta		
2	GRY	COM -	2	BLK	PHASE B	B	+	+	-	-	TG3052-M010	Motor, Parallel - Wye			
3	BRN	HALL 1	3	RED	PHASE C	C	-	-	+	+	-	TG3053-M010	Motor, Parallel - Delta		
4	ORN	HALL 2													
5	BLU	HALL 3													

⚠ 16 AWG, INSULATION DIAMETER 0.08"
⚠ 26 AWG, INSULATION DIAMETER 0.04"

DRAWING PROJECTION

NAME DATE
DRAWN SC 01/18/16
CHECKED XX XX
APPROVAL XX XX

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
LINEAR: X ±0.020
XX ±0.010
XXX ±0.005

ANGLES: ±0.1°

ThinGap
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MOTOR ASSEMBLY

ITEM# TG305X-M010

REV A

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APPROX WEIGHT 0.5 lbs