



NOTES: UNLESS OTHERWISE SPECIFIED  
 1. ALL DIMENSIONS FOR REFERENCE ONLY  
 2. PERFORMANCE:  
 24 VOLTS DC  
 4170 RPM, 1.72A @ 10 IN-OZ

PIN	COLOR	SYMBOL	FUNCTION
1	WHITE	BRAKE	H: Brake operates L: Brake releases
2	GRAY	F/R	H: CCW L: CW
3	PURPLE	0~5V PWM	Power Supply Positive for External Speed Setter
4	BLUE	2 PPR	Make full circle 2 Pulse
5	GREEN	Vref 4V	Driver 4V Output
6	YELLOW	ON/OFF	Motor rotates: 4V~5V Motor stops ≤0.4V
7	ORANGE	VR	Power Supply Positive for External Speed Setter
8	BLACK	GND	Power Supply GND
9	RED	VM	Power Supply Positive for drive

**TOLERANCES**

X.XX : ±010  
 X.XXX : ±005  
 FRACTION: ±1/64  
 ANGLE: ±2°

UNLESS OTHERWISE SPECIFIED



**MULTI PRODUCTS**  
 Company, Inc.

PART NAME/DESCRIPTION: **BRUSHLESS DC MOTOR**

DRAWN BY: DMR    DATE: 7/29/2020    SCALE: 1:1    MATERIAL: SEE BOM

CHK'D BY:    DATE:    PART NUMBER: **MOD-DCM-1036**

APPR'D BY: RP    DATE: 1/9/2018

REV.	DESCRIPTION	DATE	ECO#