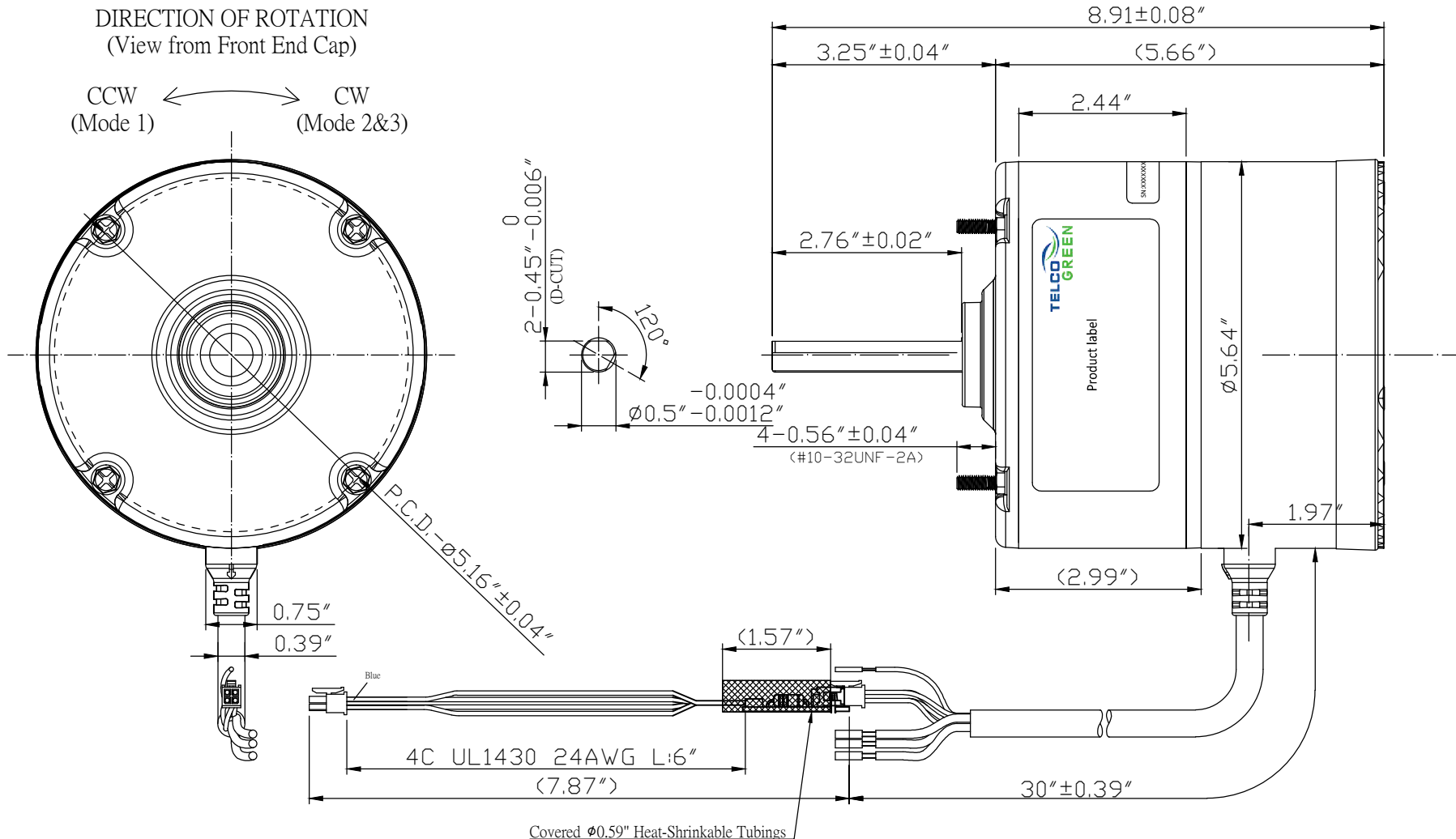


8		7		6		5		4		3		2		1	
VOLTAGE	INSULATION	HP	TORQUE	RPM	DIRECTION	REV	DESCRIPTION					DRAWN	DATE	ECN	
115 VAC	B	1/3	13.5 kg-cm (15.6 oz-ft)	1800	CW/CCW	-	INITIAL RELEASE ECM + INTERFACE BOARD ASSEMBLY					J.C	10/27/17	-	



- NOTES
1. Frame: NEMA 48 Motor
  2. Surface Treatment of Shaft: Electroplated with Nickel Plating
  3. Weight: 4.5 kg
  4. Bearings: Ball Bearing, Permanently Lubricated
  5. Safety Certificate: ETL-Electrical Testing Laboratories
  6. IP Rating: IP 54
  7. Motor Temp.: Operating -20 °C to 40 °C / Storage -30 °C to 85 °C
  8. REL. Humidity: 5 % to 95 %
  9. Input Voltage Range: 108 - 125 VAC
  10. Frequency: 50 / 60 Hz
  11. Speed Range: 300 - 1800 RPM
  12. Checksum Version: 90903
  13. Motor Protection: Under Voltage Detection  
Over Current Protection  
Locked-Rotor Protection  
Torque Limit Protection

Housing: H6630R1-04  
Terminal: 6630TP  
SCALE: 3:1

Wire No.	Wire AWG	Function
1	#24/Blue	FG-L
2	#24/Orange	FG-H
3	#24/Yellow	PWM-L
4	#24/Red	PWM-H
5	#16/Black	AC:L1
6	#16/White	AC:L2
7	#16/G/Y	GROUND
8	#22/White	CW/CCW

Mode 1 CCW, Mode 2 CW, Mode 3 CW

APPROVED BY (PRINT): Joshua Hess  
 SIGNATURE: Joshua Hess  
 TITLE: R&D Engineer  
 DATE: 11/16/2017

TOLERANCE		DECIMALS	NAME	DATE
.X	-	DRAWN BY	J.C	10/27/17
.XX	-	REVIEWED BY	J.C	10/27/17
.XXX	-	APPROVED BY		
ANGULAR	-	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <TELCO INTERCONTINENTAL CORP>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <TELCO INTERCONTINENTAL CORP> IS PROHIBITED		
UNIT	inch			
PROJECTION	THIRD ANGLE			

TITLE: NEMA48 1/3 HP EC MOTOR

PART. NO.: BMN48-250I1-ES-IBA-CA

STAGE	PRODUCTION	REV	-
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