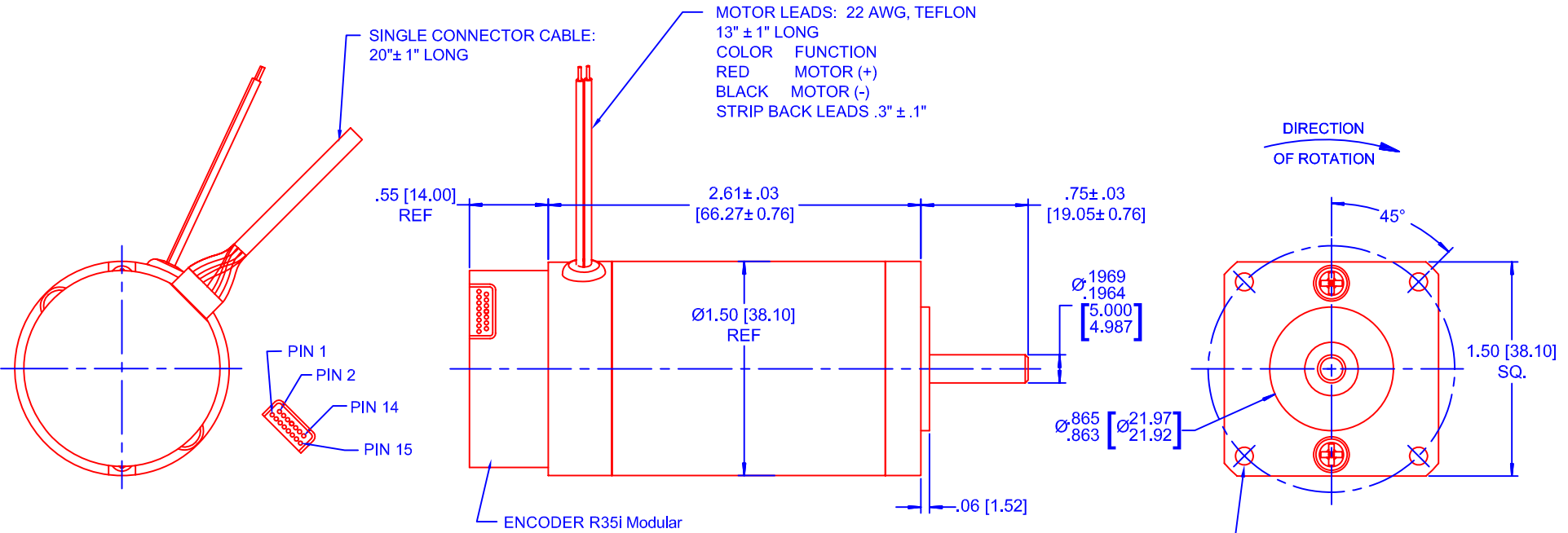


REVISIONS			
REV	DESCRIPTION	REDACTOR	DATE
A	PROTOTYPE		00/00/00
B	ADD SINGLE CONNECTOR CABLE	JXF	1/28/10



PIN FUNCTIONS							
PIN NO.	1 (YEL)	2 (YEL/WHIT)	3 (BLU)	4 (BLU/WHIT)	5 (ORN)	6 (ORN/WHIT)	7 (GRN)
	SIG A		SIG B		SIG Z		
PIN NO.	9 (BRN)	10 (BRN/WHIT)	11 (WHIT)	12 (GRY/WHIT)	13 (RED)	14 (BLK)	15 (GRY)
					+5V	GND	

MOTOR SPECIFICATIONS:

TORQUE CONSTANT (Kt) = 5.5 ± 10% OZ-IN/AMP
VOLTAGE CONSTANT (Ke) = 4.1 ± 10% VOLTS/KRPM

NOTE: MOTOR ROTATION IS CLOCKWISE WHEN VIEWED FROM
OUTPUT SHAFT WITH POSITIVE VOLTAGE APPLIED TO RED LEAD.

UNLESS OTHERWISE SPECIFIED TOLERANCES			PROJECTION			
DECIMALS	inch	[mm]				
.0	±.020	±0.50				
.00	±.010	±0.25				
.000	±.005	±0.13				
FRACTIONS	ANGLES					
1/16	1/2°					
BREAK ALL SHARP EDGES						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TOROMOTION TECH. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						
			APPROVALS		DATE	TITLE
			DRAWN JXF		1/13/10	MOTOR ASSEMBLY
			CHECKED			SIZE D
			APPROVED			DWG. NO.
			USED ON			REV B
					SCALE: FULL	SHEET 1 OF 2