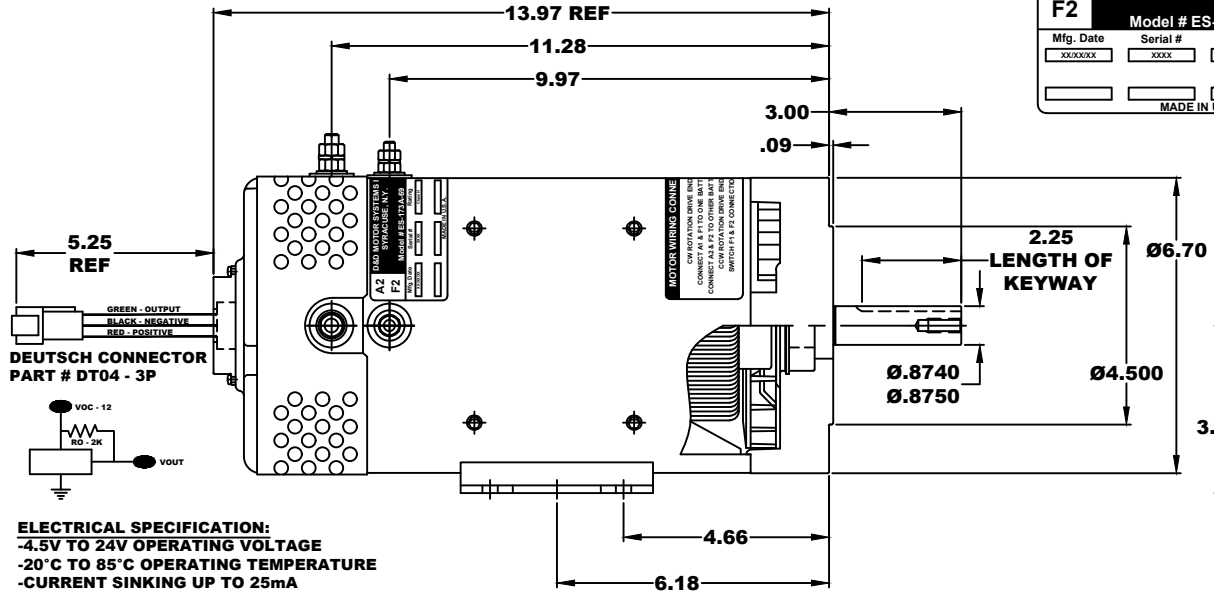
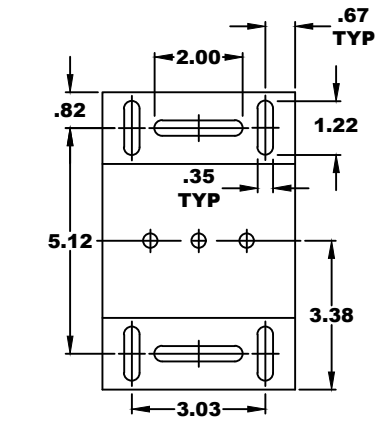


A2	D&D MOTOR SYSTEMS INC.		A1
F2	SYRACUSE N.Y.		F1
Mfg. Date		Model # ES-173A-69	Voltage
XXXXXXX	XXXX	CLASS-H	36V - 72V
MADE IN U.S.A.			

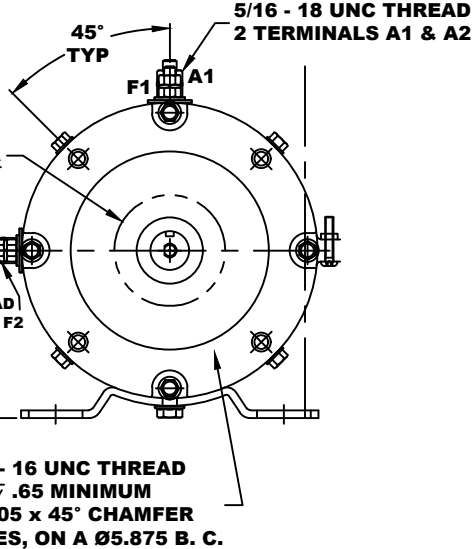
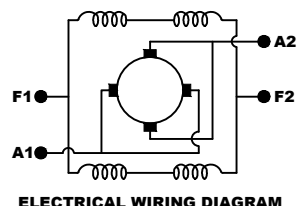
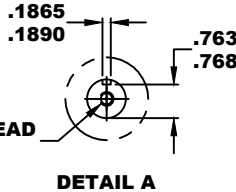
TORQUE SPECIFICATION FOR POWER CABLE SECURING TOP NUTS
5/16-18 UNC (A1 / A2) - 110 IN / LBS MAX
1/4-20 UNC (F1 / F2) - 50 IN / LBS MAX



ELECTRICAL SPECIFICATION:
-4.5V TO 24V OPERATING VOLTAGE
-20°C TO 85°C OPERATING TEMPERATURE
-CURRENT SINKING UP TO 25mA
-AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED
-SENSOR IS DESIGNED TO OPERATE WITH 2 N/S POLEPAIRS
THE OPERATIONAL DISTANCE BETWEEN THE MAGNET AND THE HOUSING, INCLUDING ANY RUNOUT SHOULD NOT EXCEED .030 INCHES



MOTOR WEIGHT: 69 LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: 69 / K-254



MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
CONNECT A1 & F1 TO ONE BATTERY TERMINAL
CONNECT A2 & F2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
SWITCH F1 & F2 CONNECTIONS

THIS PRINT IS THE PROPERTY OF D&D MOTOR SYSTEMS INC.

DO NOT SCALE
 WORK TO DIMENSIONS
 TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS

.XX	_____	.01
.XXX	_____	.005
.XX ROUGH CASTING	_____	.03
HOLES	_____	-.001 / +.006
ANGLES	_____	0°30"

D & D MOTOR SYSTEMS INC				
MOTOR OUTLINE				
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.	REV
B	8-27-24		ES-173A-69	
SCALE	DRAWN BY		REV DATE	
STF	MJG			