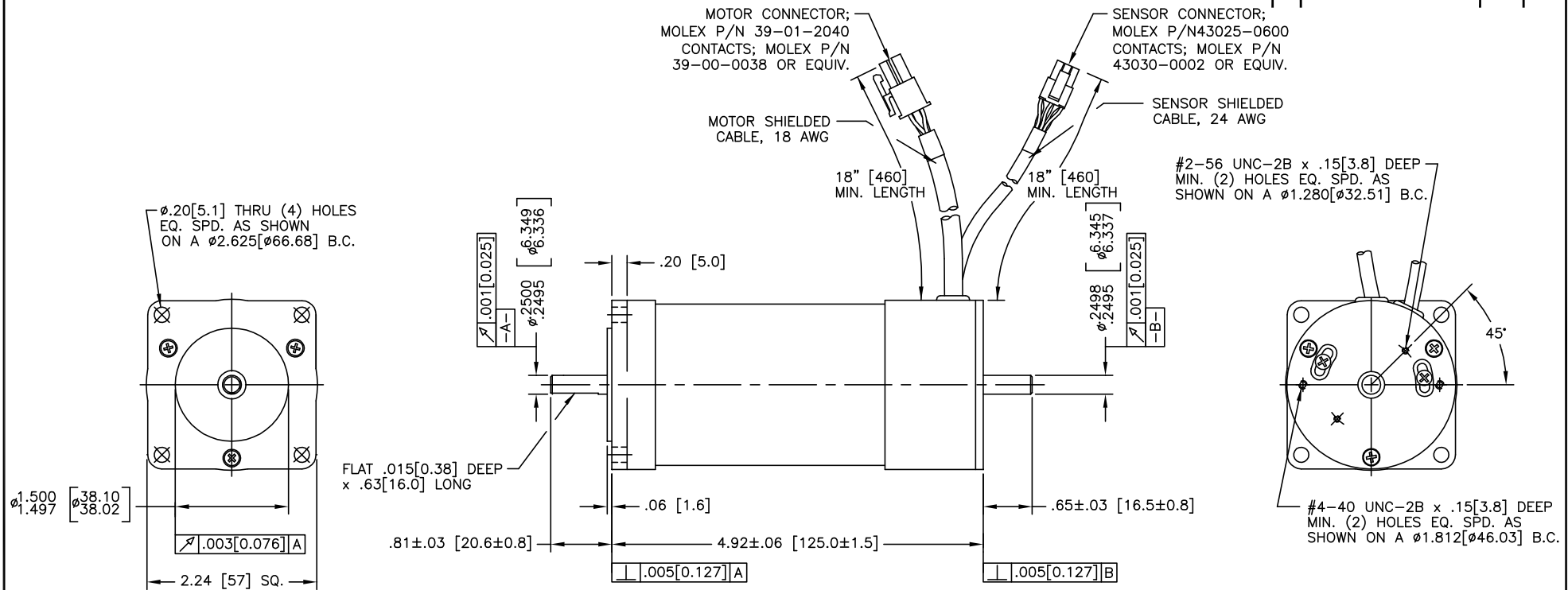
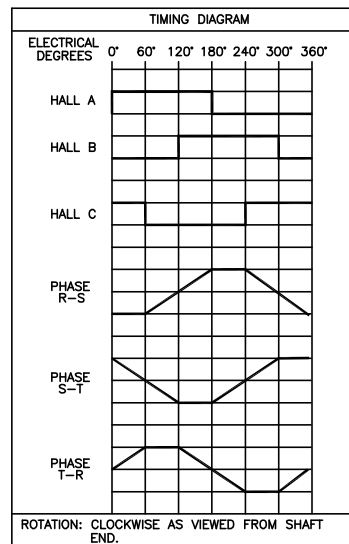


REVISIONS			
REV	DESCRIPTION	DATE	APPD
A	RELEASED - ECO 11999	11-16-04	GKH

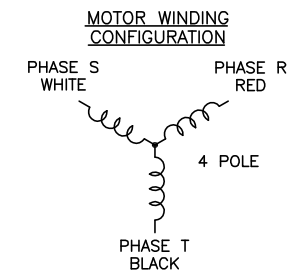


MOTOR PARAMETERS @25°C			
	TOL.	UNITS	VALUE
MAX. OPERATING SPEED (S _n)	MAX.	R.P.M.	5000
CONTINUOUS TORQUE (T _c)	MAX.	OZ-IN	70
PEAK TORQUE (T _p)	MAX.	OZ-IN	210
CONTINUOUS CURRENT (I _c)	MAX.	AMPS	4.4
PEAK CURRENT (I _p)	MAX.	AMPS	12.5
TORQUE SENSITIVITY (K _t)	±10%	OZ-IN/AMPS	16.8
BACK EMF CONSTANT (K _e) (L-L, D.C.)	±10%	V/K R.P.M.	12.4
D.C. RESISTANCE (R _t) (L-L)	±10%	OHMS	1.2
INDUCTANCE (L) (L-L)	±15%	mH	3.3
ROTOR INERTIA (J _a)	NOM.	OZ-IN-SEC ²	0.0032
WEIGHT	NOM.	LBS	2.80



MOTOR CONNECTIONS		
PIN	COLOR	FUNCTION
1	RED	PHASE R
2	WHITE	PHASE S
3	BLACK	PHASE T
4	BARE	SHIELD - TO CASE GROUND

SENSOR CONNECTIONS		
PIN	COLOR	FUNCTION
1	RED	+V _{CC}
2	BLACK	GROUND
3	BROWN	HALL A
4	ORANGE	HALL B
5	YELLOW	HALL C
6	BARE	SHIELD



DIMENSIONS: INCHES [MILLIMETERS]
NOTE: THIS DRAWING HAS BEEN CREATED BY AUTOCAD. MANUAL REVISIONS ARE NOT ALLOWED.

DRAWN 3-4-04 JJA		
CHECKED 7-27-04 GKH		
APPROVED		
TITLE BRUSHLESS D.C. MOTOR		
TOLERANCES ON DECIMALS FRACTIONS ±1/64 XX ±.010 ANGLES ±1/2 XXX ±.005 UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES	SIZE C	NUMBER IB23841
SCALE 1:1		SHEET 1 of 1