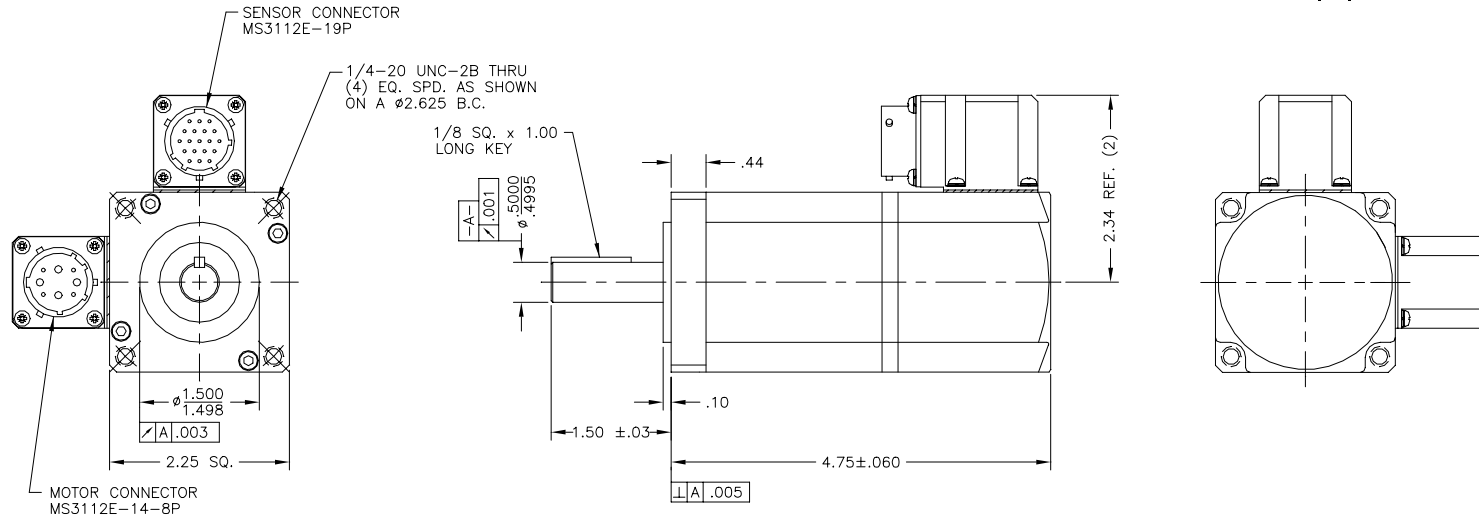
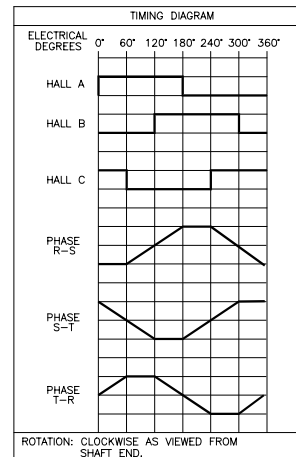


REVISIONS			
REV	DESCRIPTION	DATE	APPD
A	RELEASED - ECO 11102	12-21-99	GKH

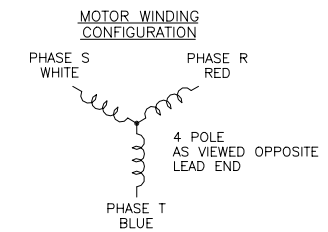


MOTOR PARAMETERS @25°C			
	TOL.	UNITS	VALUE
MAX. OPERATING SPEED (Sn)	MAX.	R.P.M.	6000
CONTINUOUS TORQUE (Tc)	MAX.	LB-IN	3.75
PEAK TORQUE (Tp)	MAX.	LB-IN	11.3
TORQUE SENSITIVITY (Kt)	±10%	LB-IN/AMPS	2.07
BACK EMF CONSTANT (Ke)	±10%	V/K R.P.M.	24.5
D.C. RESISTANCE (Rt)	±10%	OHMS	9.16
INDUCTANCE (L)	±15%	mH	7.68
ROTOR INERTIA (Ja)	NOM.	LB-IN-SEC ²	0.00014
FRICTION TORQUE (Tf)	NOM.	LB-IN	0.18
DAMPING TORQUE (Td)	NOM.	LB-IN/KRPM	0.03
WINDING TEMPERATURE	MAX.	°C	125
WEIGHT	NOM.	LBS	2.2



MOTOR CONNECTOR PINOUT	
PIN	FUNCTION
1	PHASE R
2	PHASE S
3	PHASE T
4	CASE GROUND

SENSOR CONNECTOR PINOUT	
PIN	FUNCTION
A	THERMOSTAT
B	THERMOSTAT
C	HALL B
D	N.C.
E	N.C.
F	N.C.
G	N.C.
H	N.C.
J	SENSOR GROUND
K	N.C.
L	+5-15 VDC SENSOR
M	HALL A
N	N.C.
P	N.C.
R	HALL C
S	N.C.
T	N.C.
U	N.C.
V	N.C.



NOTE: THIS DRAWING HAS BEEN CREATED BY AUTOCAD. MANUAL REVISIONS ARE NOT ALLOWED.

DRAWN 12-21-99 <i>JH</i> CHECKED 12-21-99 <i>JH</i> APPROVED 12-21-99 <i>JH</i>	
TITLE BRUSHLESS D.C. MOTOR	
TOLERANCES ON DECIMALS FRACTIONS ±1/64 XX ±.010 ANGLES ±1/2° XXX ±.005 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	SIZE NUMBER C AB23003 SCALE 1:1 SHEET 1 of 1

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