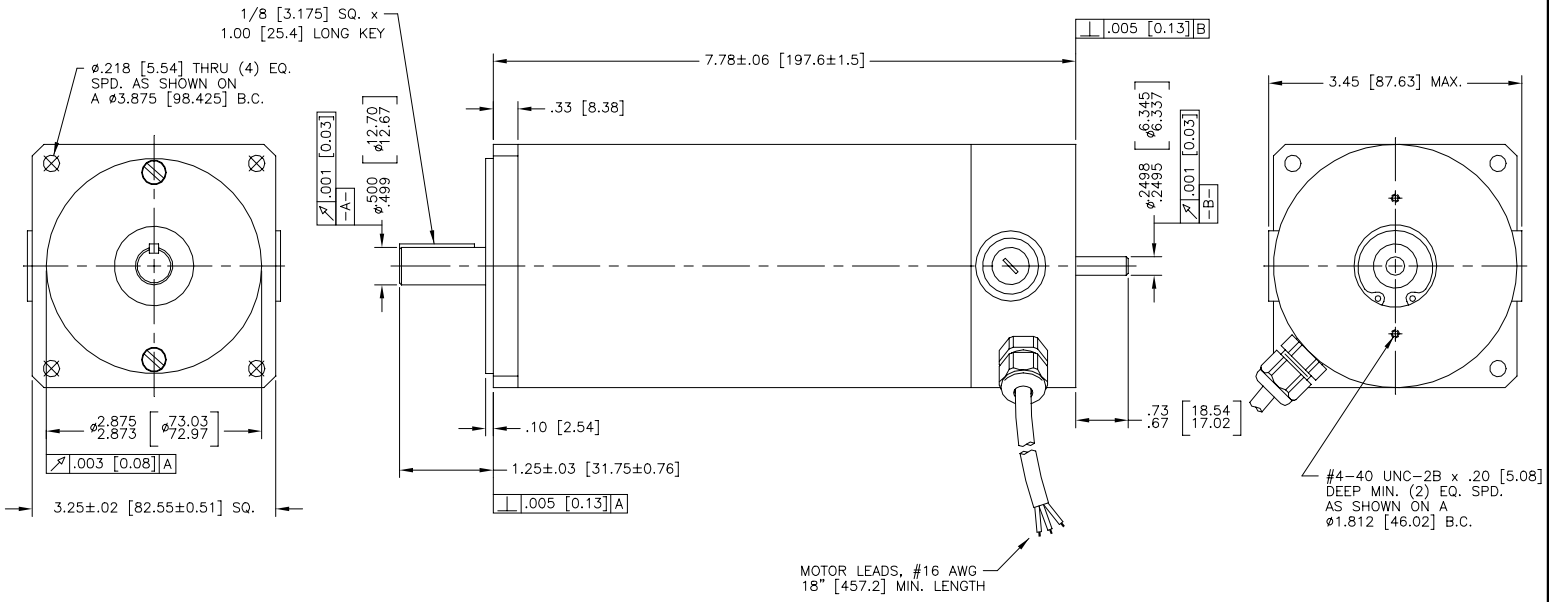
NOTES:
1. ROTATION: CLOCKWISE AS VIEWED FROM OUTPUT SHAFT END.

REVISIONS			
REV	DESCRIPTION	DATE	APPD
A	RELEASED – ECO 11779	2-13-03	GKH



MOTOR PARAMETERS @25°C			
	TOL.	UNITS	VALUE
MAX. OPERATING SPEED (Snl)	MAX.	R.P.M.	3700
CONTINUOUS TORQUE (Tc)	MAX.	OZ-IN	225
PEAK TORQUE (Tp)	MAX.	OZ-IN	1125
TORQUE SENSITIVITY (Kt)	±10%	OZ-IN/AMPS	32.19
BACK EMF CONSTANT (Ke)	±10%	V/K R.P.M.	23.8
TERMINAL VOLTAGE (Vt)	MAX.	VDC	90
TERMIANL RESISTANCE (Rt)	±15%	OHMS	1.14
INDUCTANCE (L)	±15%	mH	3.51
ROTOR INERTIA (Ja)	NOM.	OZ-IN-SEC^2	0.063
FRICTION TORQUE (Tf)	NOM.	OZ-IN	8
DAMPING TORQUE (Td)	NOM.	OZ-IN/KRPM	1.4
WINDING TEMPERATURE	MAX.	°C	155
WEIGHT	NOM.	LBS	10.5

MOTOR CONNECTIONS	
COLOR	FUNCTION
RED	MOTOR +
BLACK	MOTOR –
WHITE	CASE GROUND

DIMENSIONS: INCHES [MILLIMETERS]

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

DRAWN 11-19-02 GKH
CHECKED
APPROVED 2-13-03 GKH

MCG MOTION CONTROL GROUP

TITLE: 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 ID33004

SCALE 1:1 | SHEET 1 of 1

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