

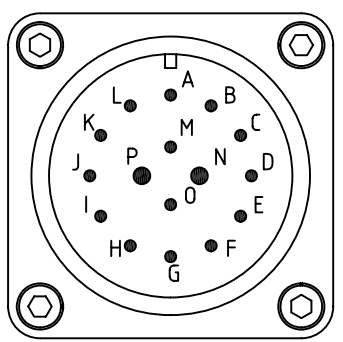
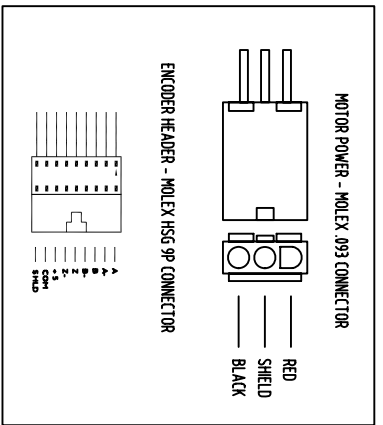
MOTOR MODEL No.: GM4030-41

CONFIGURATION CODE: GM4030-41-00602511-219A

MOTOR CONSTANTS	UNITS	VALUE
CONT. STALL TORQUE	In-Lb	31.25
PEAK TORQUE	In-Lb	156
TORQUE CONSTANT (K <sub>T</sub> )	In-Lb/Amps	3.44
INDUCTANCE (L <sub>A</sub> )	Ohms	0.8
R <sub>A</sub>	mHY	5.6
BE <sub>ME</sub>	Vols/1000 RPM	41
MAX SPEED	RPM	3500
MAX VOLTAGE	VOLTS	140
INERTIA (J <sub>A</sub> )	In-Lb-Sec <sup>2</sup>	0.0163
TACH OUTPUT	VOLTS/1000 RPM	-
TACH RIPPLE	PERCENT	-
WEIGHT	LB	-

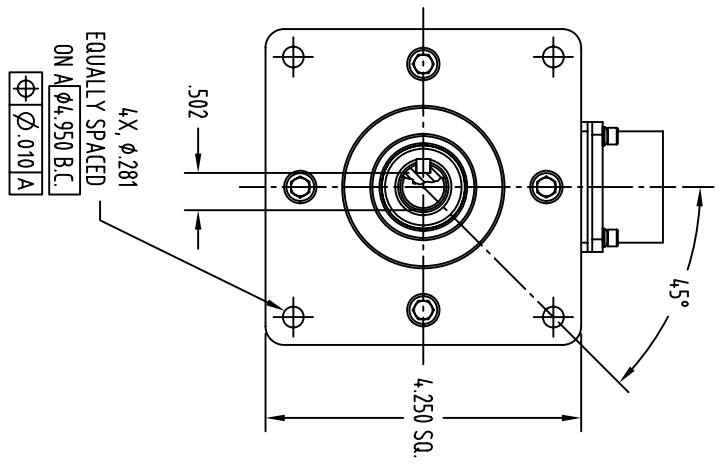
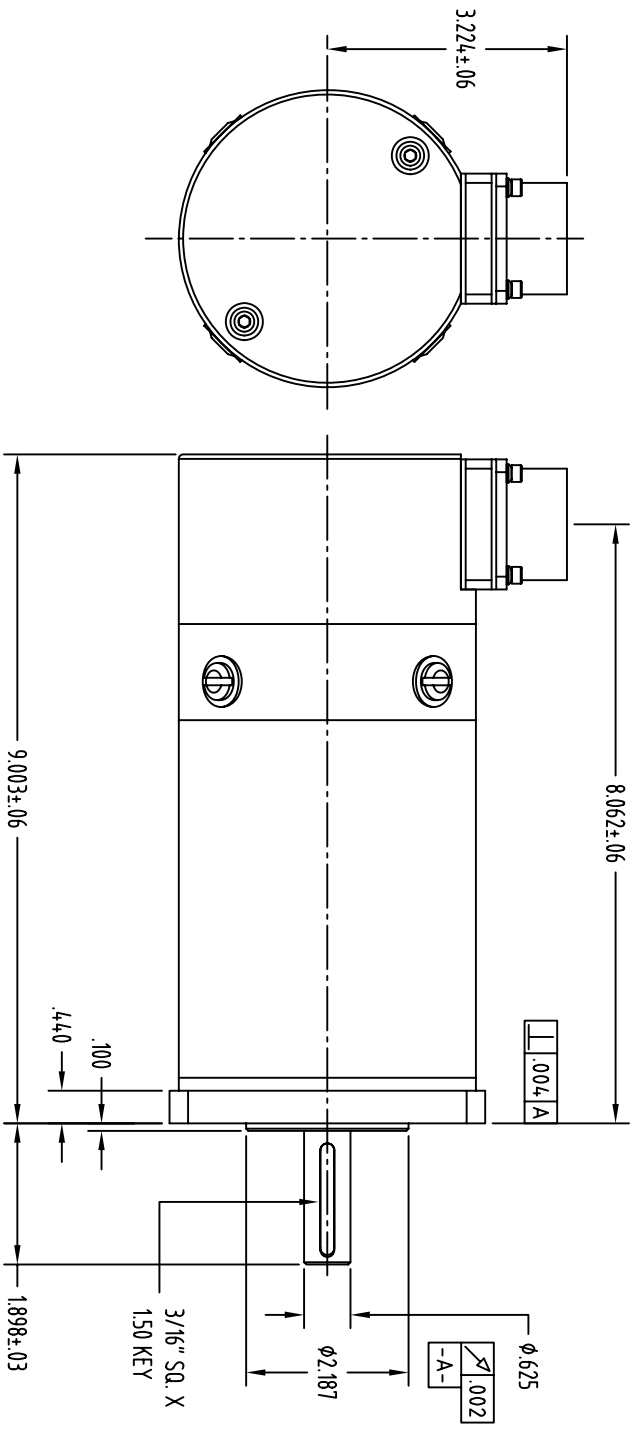
PIN	FUNCTION
A	CHANNEL B+
B	CHANNEL B-
C	CHANNEL A+
D	CHANNEL A-
E	CHANNEL Z+
F	CHANNEL Z-
G	MOTOR SHIELD
H	ENCODER +5VDC
I	ENCODER GND.
J	N/C
K	ENCODER SHIELD
L	N/C
M	N/C
N	MOTOR +
O	N/C
P	MOTOR -

DIRECT WIRE CONNECTIONS



VIEW A  
SCALE 25X

MS CONNECTOR  
MS3102R24-7P



4X,  $\phi$  281  
EQUALLY SPACED  
ON  $\phi$  4.950 B.C.  
 $\phi$  .010 A