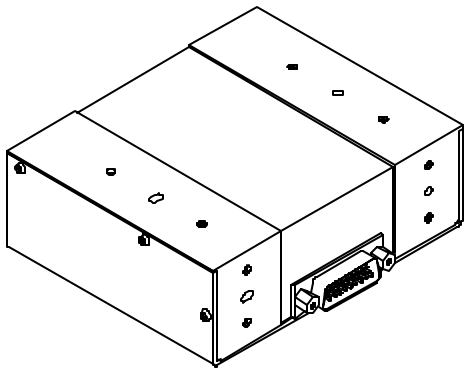
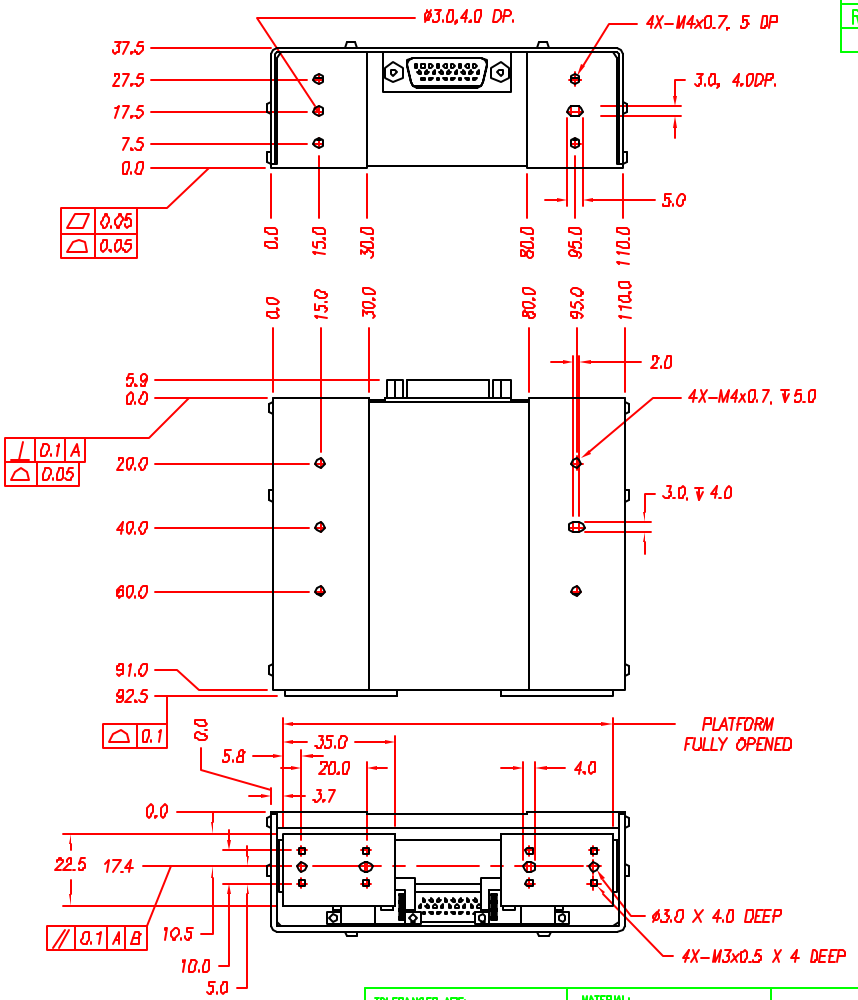
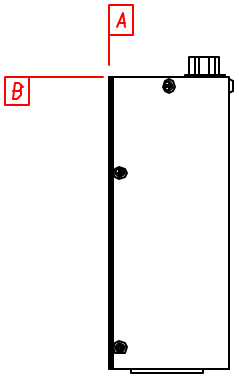
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MM OTHERWISE NOTED.
2. ALL DIMENSION APPLY AFTER PLATING.
3. ACTUATOR SPECIFICATIONS:
   - LINEAR STROKE: 15 MM/ PER FINGER (TOTAL 30 mm OPEN MIN.)
   - FORCE CONSTANT: 1.7 KGRAMS /AMP/ PER AXIS
   - PEAK FORCE: 2.5 KGRAMS / 1.5 AMPS (24 VDC)
   - COIL DC RESISTANCE: 16.0 OHMS @ 22°C
   - COIL INDUCTANCE: TBD mH @ 1KHz
   - MAXIMUM POWER DISSIPATE TO COIL: 36 WATTS/ AXIS
4. COIL HEAT RISE COEFFICIENCE: TBD°C/WATT @ 22°C
   - LINEAR ENCODER RESOLUTION: 5 MICRON-METER (NON-CONTACT)
   - ENCODER ACCURACY: ±20 MICRON-METER
   - ESTIMATE MOVING MASS: 100 GRAMS/ PER AXIS
   - ESTIMATE TOTAL MASS: 1.5 KGRAMS
   - MAXIMUM ACCELERATION: 25 G (W/ NO LOAD)
5. OPERATING TEMPERATURE: -20°C TO +45°C







REVISIONS				
REV	DATE	ECN	DESCRIPTION	APP
A	10/3/02	2603	INITIAL RELEASE	SMH

SIGNATURE NEEDED FOR ORDER APPROVAL
SIGN _____ DATE _____
APPROVAL NOT RECEIVED WITHIN
48 HOURS MAY AFFECT DELIVERY

TOLERANCES ARE:
X. ± 0.50
X.X ± 0.1
X.XX ± 0.05
X.XXX ±
ANGULARITY ± 0.1°
CONCENTRIC ± 0.01
ROUNDNESS ± 0.05
EDGE BREAK 0.2 MAX
CHAMFER 0.1 MAX

FILE NAME: GRP35-30-05

MATERIAL:

HEAT TREAT: / RC
DEEP

MACHINE FINISH: 1.8
EXCEPT NOTED.

PROTECTIVE FINISH

SPEC. NUMBER:

SMAC

REF. NUMBER: GRP35-30-05

DESIGNED BY:	DATE:	CHECKED BY:	DATE:	CONTRACT:
TOAN VU	01/10/01			STD
DRAWN BY: TOAN VU	DATE: 01/10/01	APPROVED BY:	DATE:	

PART NAME: GRP35-30-05 OUTLINE

SHEET NUMBER: 1 OF 1

SCALE:	DWG SIZE:	PART NUMBER:	REVISION:
NONE	B	GRP35-30-05	A

DO NOT SCALE DWG