
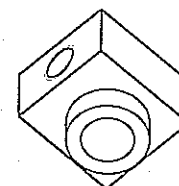
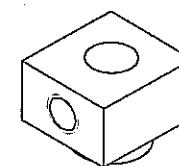
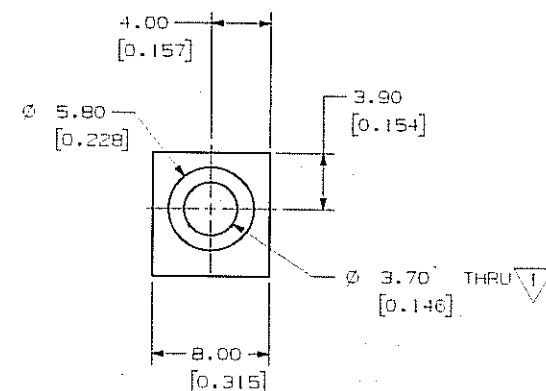
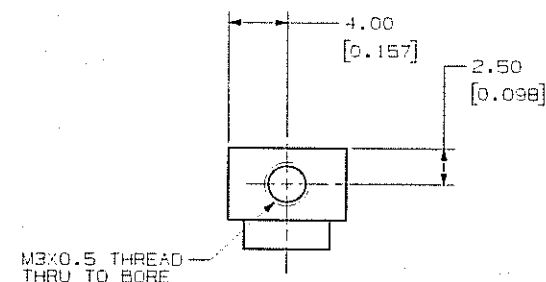
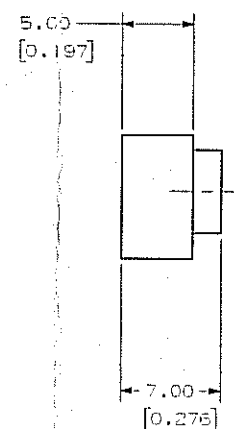
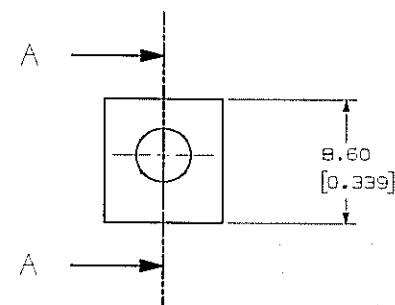
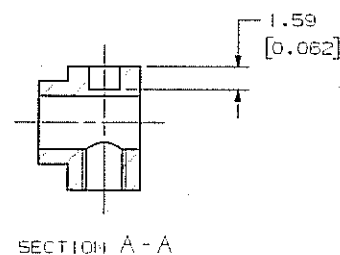
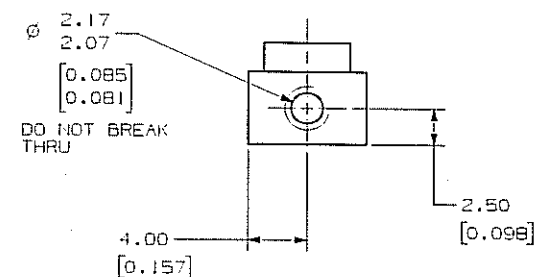


NOTES

1. BREAK ALL SHARP EDGES AND CORNERS.
2. USE CHROMATE CONVERSION PER MIL-C-5541.
3.  INDICATES FEATURE/DIMENSION TO BE CHECKED AT INCOMING INSPECTION.







REV	REVISION DESCRIPTION	BY	DATE	ECO #
A	INITIAL RELEASE	BSE	08/02/06	BCT022492
B	MODIFIED TOLERANCE OF MAGNET MOUNT HOLE. 2.17/2.07 HOLE WAS 2.00	BSE	08/18/06	BCT022629
C	MODIFIED NOMINAL BORE TO ELIMINATE INTERFERENCE. 3.70 WAS 3.60	LRN	02/20/09	BCT024638

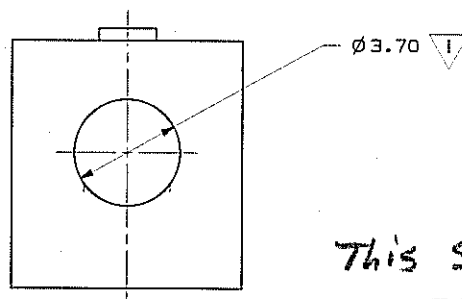
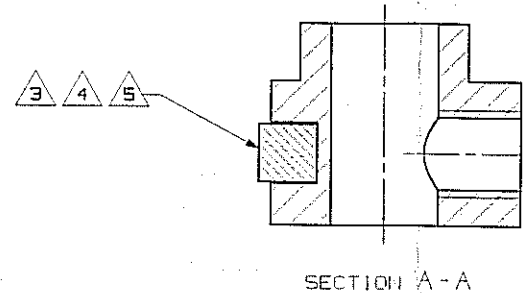
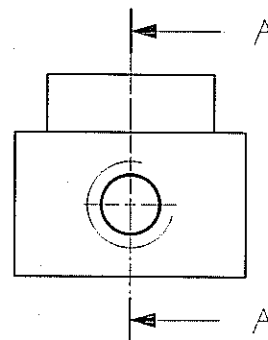
2-26-10 408

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<small>INCH TOLERANCES</small> .X ± 0.04 .XX ± 0.008 .XXX ± 0.004 .XXXX ± 0.0020	<small>MILLIMETER TOLERANCES</small> X ± 1.0 XX ± 0.2 XXX ± 0.10 XXXX ± 0.050	<small>ANGLES</small> ± 2	<small>MATERIAL</small> 6061-T6 ALUMINUM	<small>SURF. FINISH</small> 1.6 (N7)	<small>TITLE</small> MAGNET HOLDER HSI VALVE	<small>PART NO.</small> 986301-668	<small>REV</small> C
<small>UNIGRAPHICS</small>	<small>DATE</small> 04/11/07	<small>SCALE</small> 4:1	<small>BY</small> ELL INGBOE	<small>DATE</small> 10/18/07	<small>REV</small> C	<small>SHEET</small> 1/1	<small>OF</small> 1

986301 300 10/2

NOTES

1. BREAK ALL SHARP EDGES AND CORNERS.
2.  INDICATES FEATURE/DIMENSION TO BE CHECKED AT INCOMING INSPECTION.
3.  USE ITEM 501 TO INSTALL THE MAGNET. ITEM 902 BONDED INTO ITEM 903 USING ADHESIVE 901. INSERT MAGNET FULLY.
4.  SOUTH POLE OF MAGNET MUST BE FACING OUT, AS INDICATED BY THE NORTH END (RED) OF THE NEEDLE POINTING TOWARDS THE MAGNET USING ITEM 502.
5.  MAGNET MUST BE CAPABLE OF LIFTING ITEM 503 BY THE END BEFORE OR AFTER ASSEMBLY.



This Side

REF
(.085)
(.081)

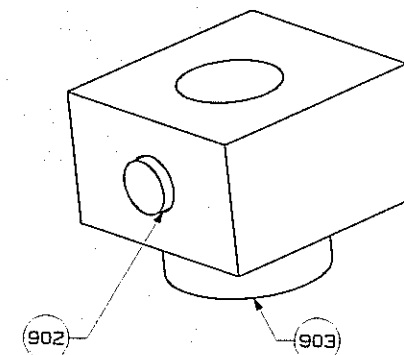
.154 REF
.081 REF
.339 REF
.185 REF

MB This side
REF

TYP
→ .600 ←

← .285 REF

← .315 REF



2-26-10 408

ITEM NO.	QTY	U/M	PART NO.	DESCRIPTION
503	EA	1	851000-572	FLAT HEAD 16d NAIL
502	EA	1	851000-575	MAGNETIC COMPASS
501	EA	1	851000-436	MAGNET INSTALLATION TOOL
BILL OF EQUIPMENT				

ITEM NO.	QTY	U/M	PART NO.	DESCRIPTION
903	1	EA	986301668	MAGNET HOLDER
902	1	EA	986100108	MAGNET 2MM DIA X 2MM LONG
901	1	EA	777096933	ADHESIVE, BLACK MAX
BILL OF REFERENCE				

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DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.			
DIMENSIONS IN PARENS ARE IN INCHES.			
TOLERANCES AND FINISHES ARE AS NOTED.			
DIMENSIONS SPECIFIED ARE AFTER ADHESIVE FINISH.			
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.			

UNIT	TOLERANCES	ANGLES	MATERIAL	TITLE
MM	± 1.0	± 2	SEE BOR	MAGNET HOLDER ASSEMBLY
IN	± 0.2			
XX	± 0.10	SUPP. FINISH	N/A	
XXX	± 0.050			

SIZE	SCALE	DATE	REV	SHIT	OF
18:1	1:1	08/11/08	C	1	1
UNIGRAPHICS					
ELLINGBOE					
986301-788					