REV.	DATE	DCN #	DRAWING TREE #
v1	30 DEC 2009	E0900503	E0900353
-	-	-	-
-	-	-	-

2.953

ISOMETRIC VIEW

1/4-20 UNC THRU
+.005 OVERSIZE TAP

4X ⌀1.25 THRU

⌀5.906

⌀3.800

5

.13 X 45° ALL AROUND

.13 X 45° ALL AROUND

3X #8-32 UNC ⤓ .50
⌵ ⌀ .214 X 90°
+.005 OVERSIZE TAP

6X #4-40 UNC THRU TO HOLE
⌵ ⌀ .139 X 90°
+.005 OVERSIZE TAP

.561

4X .190
0
2X .239
2X .410

⌀1.375⤓.75

2.712

5.424

1.320
1.120
.920
.400
0
.400
.920
1.120
1.320

BOTH SIDES

DIMENSIONS ARE IN INCHES
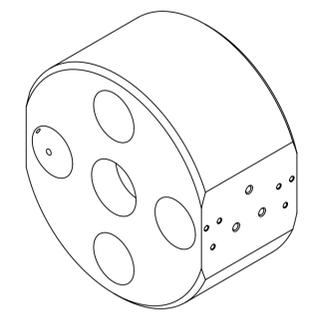
TOLERANCES:
.XX   ± .01
.XXX ± .005
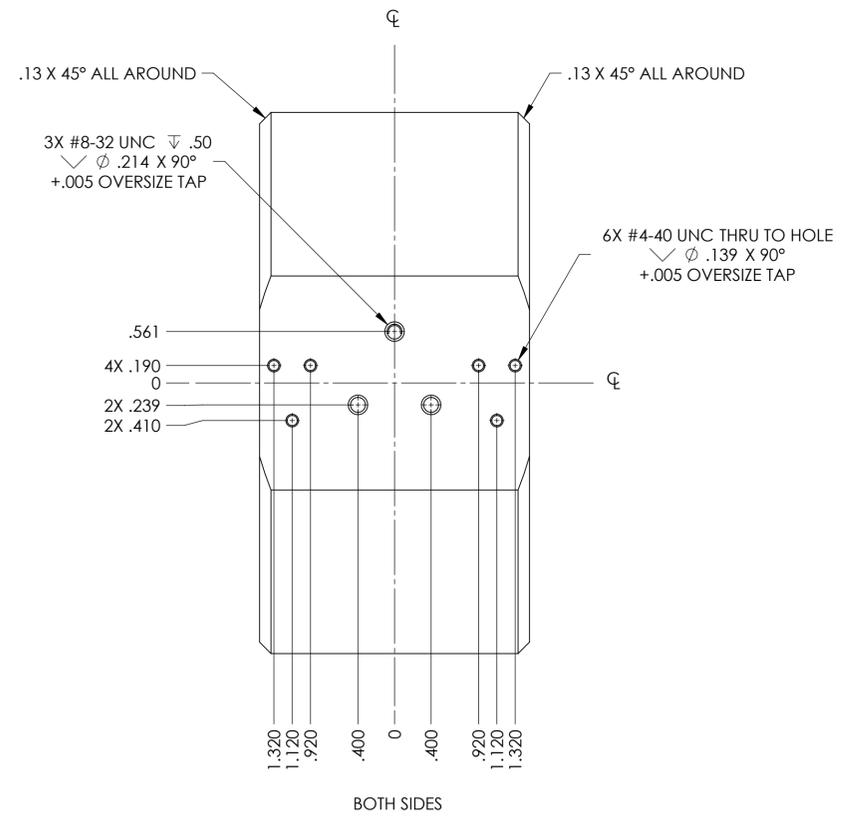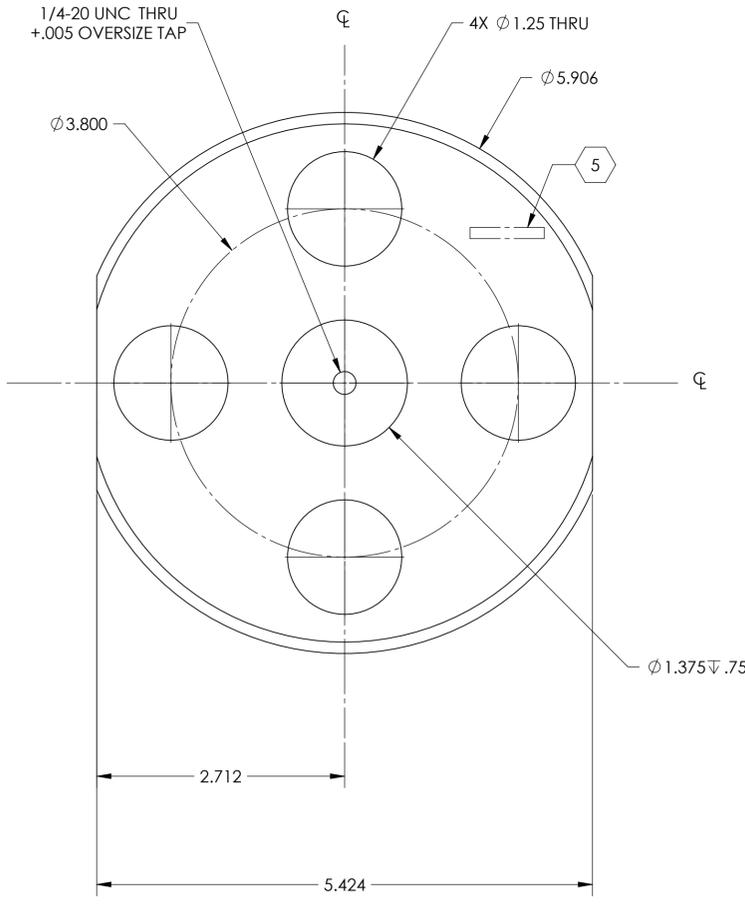
ANGULAR ± 0.5°

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE
AND FREE OF SULFUR, SILICONE, AND CHLORINE.

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME
INTERMEDIATE MASS, HSTS

SYSTEM	SUB-SYSTEM			
ADVANCED LIGO	SUS	DESIGNER	M. MEYER	10 AUG 2009
		DRAFTER	B. MOORE	12 JAN 2010
		CHECKER	M. MEYER	13 JAN 2010
		APPROVAL		

MATERIAL
6061-T6 Al

FINISH
32 µinch

NEXT ASSY
D020700

SIZE: D

DWG. NO.
D0901792

REV.
v1

SCALE: 1:1   PROJECTION: SHEET 1 OF 1