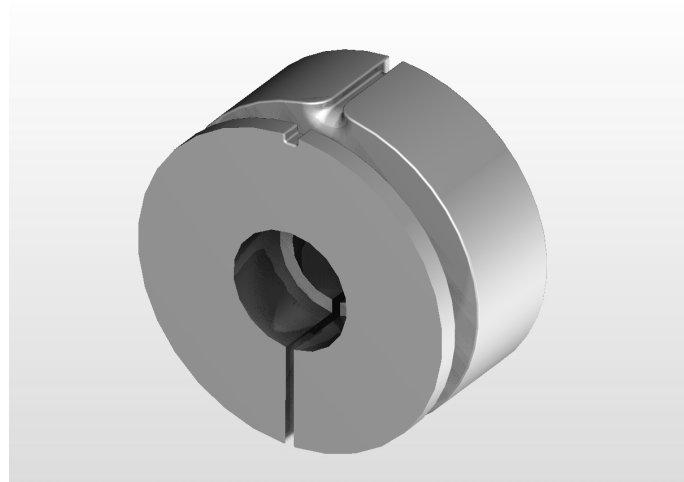
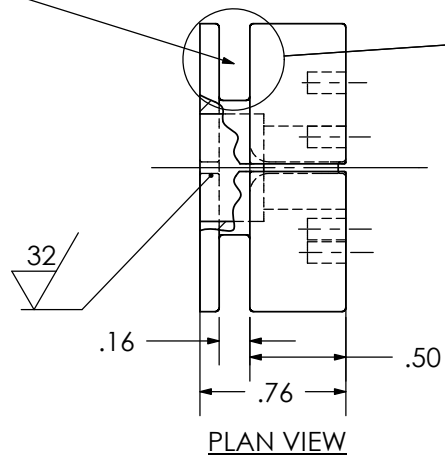


NOTE:
IT IS IMPORTANT THAT FILLETS OR ROUNDS ARE CREATED ON ALL CORNERS OF THE COMPONENT (R.02 MIN.) THIS IS OF PARTICULAR IMPORTANCE FOR CORNERS ADJACENT TO THE "MAIN CHANNEL"(DETAIL B) AND "SLOT"

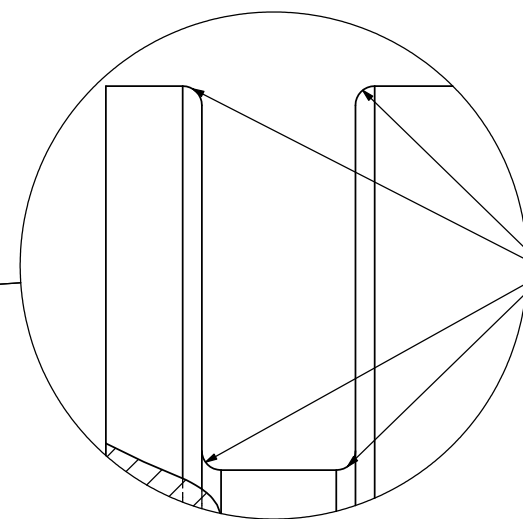
REV.	DATE	DCN #	DRAWING TREE #
A	24 JUNE 2004	E040303-00	



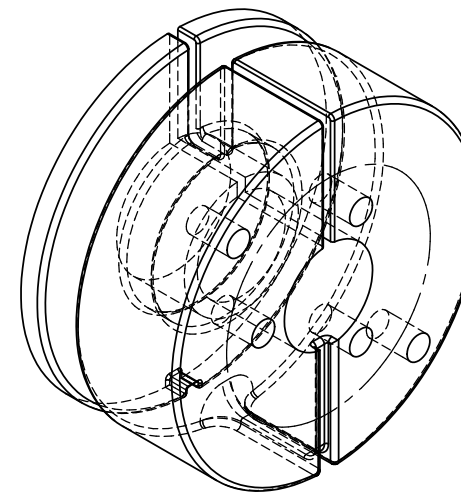
RENDERED VIEW



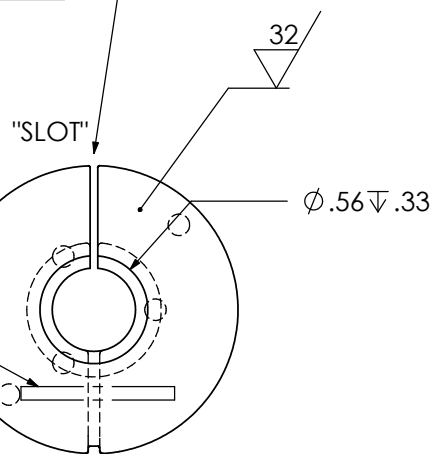
PLAN VIEW



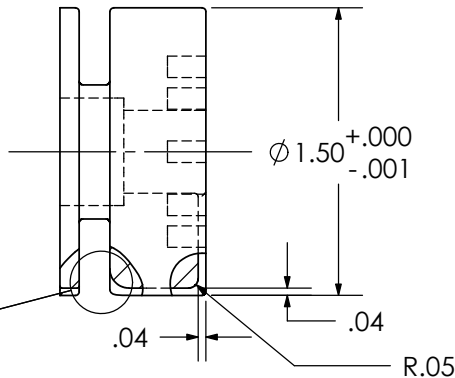
DETAIL B



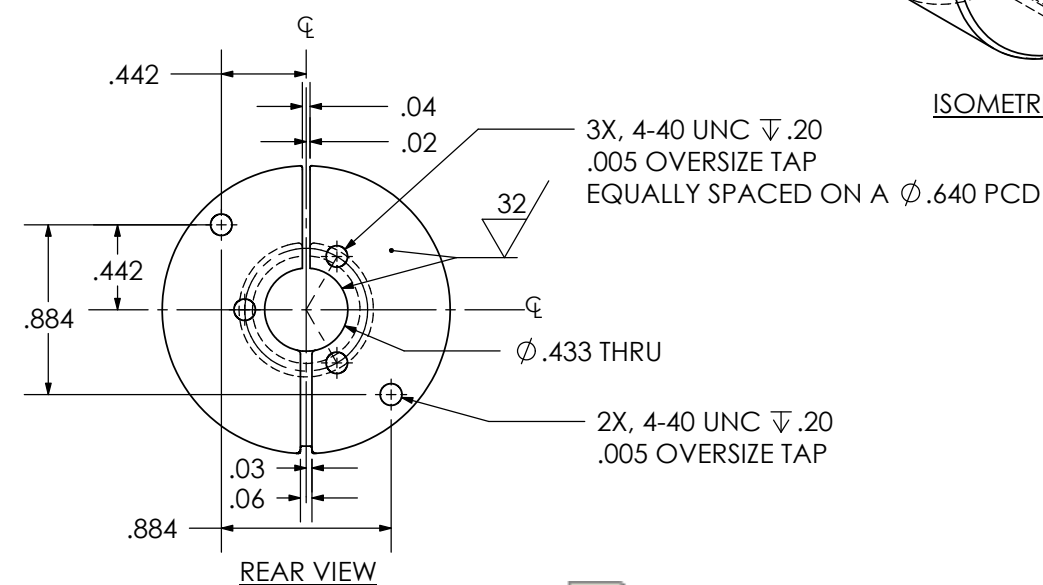
ISOMETRIC VIEW



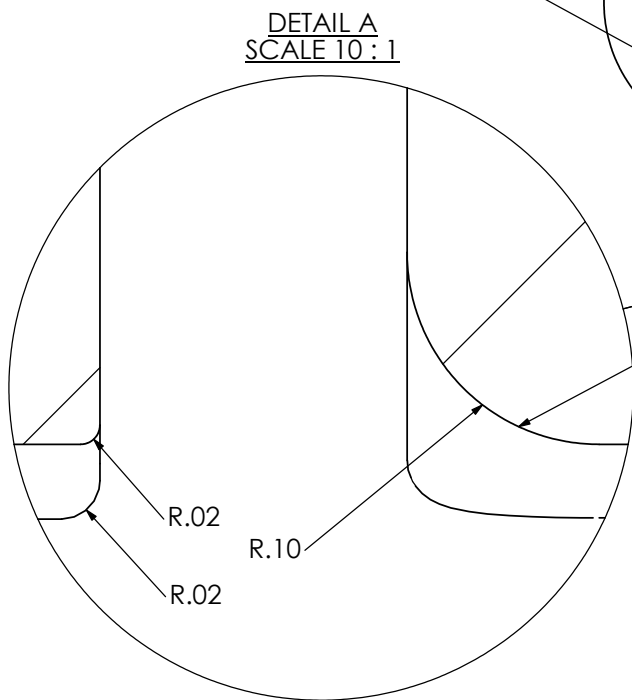
FRONT VIEW



SIDE VIEW

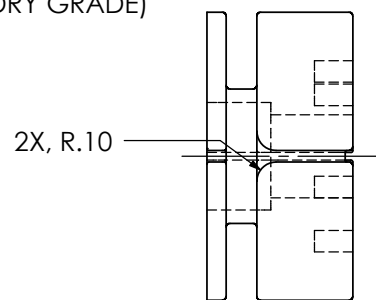


REAR VIEW



DETAIL A
SCALE 10:1

SMOOTH WITH PAPER (WET&DRY GRADE)



BASE VIEW



D020188_Coilformer.step

PARTS LIST															
<p>NOTES: (UNLESS OTHERWISE SPECIFIED)</p> <p>1. REMOVE ALL SHARP CORNERS, R.02 MIN.</p> <p>2. DO NOT SCALE FROM DRAWING.</p> <p>3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)</p> <p>④ ENGRAVE DRAWING NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 101 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS.</p> <p>EXAMPLE: D020188- 101 A VIBRATORY TOOL MAY BE USED.</p>															
<p>DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES: .XX ± 0.01 .XXX ± 0.005</p> <p>ANGULAR ± 0.5 °</p>		<p>LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP</p>													
<p>MATERIAL 6061-T6 Al</p>		<p>SYSTEM ADVANCED LIGO</p>													
<p>FINISH 16 μinch (except where specified)</p>		<p>SUB-SYSTEM SUS</p>													
<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>CIT/RAJ</td> <td>26/02/03</td> </tr> <tr> <td>CHECKED</td> <td>CIT / LJ</td> <td>03/11/03</td> </tr> <tr> <td>APPROVED</td> <td></td> <td></td> </tr> </tbody> </table>			NAME	DATE	DRAWN	CIT/RAJ	26/02/03	CHECKED	CIT / LJ	03/11/03	APPROVED			<p>NEXT ASSY COIL (Control Prototypes: LASTI)</p>	
	NAME	DATE													
DRAWN	CIT/RAJ	26/02/03													
CHECKED	CIT / LJ	03/11/03													
APPROVED															
<p>SIZE B</p>		<p>PART NAME COIL FORMER</p>													
<p>DWG. NO. D020188</p>		<p>REV. A</p>													
<p>SCALE: 1:1 PROJECTION: SHEET 1 OF 1</p>															