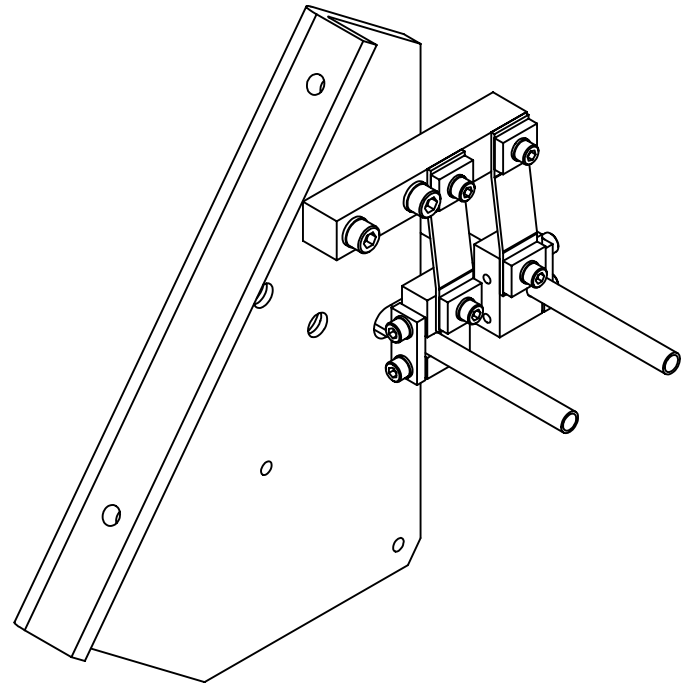
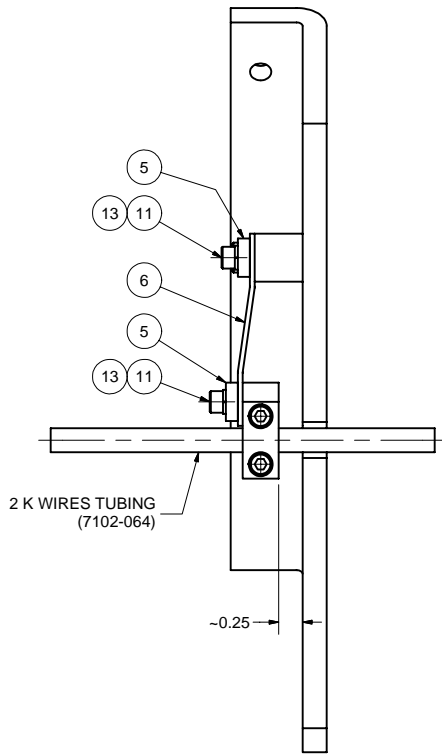
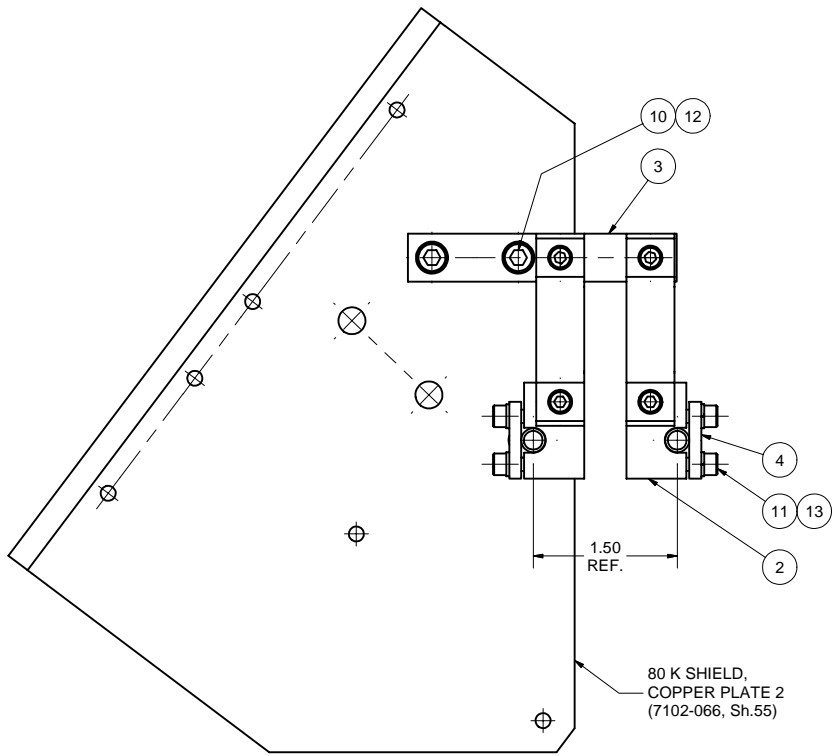
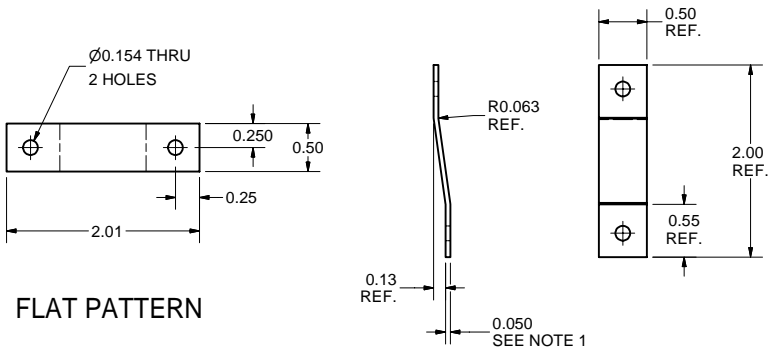


REVISIONS				
SYM.	ZONE	DESCRIPTION	DATE	APP.



- 1 2 K WIRES TUBING 80 K HEAT SINK ASM.
- FILE NAME: 7102-121
SHEET NO.: 1
DFT. SCALE: 1:1
MATERIAL:
QTY: 1 PER CRYOMODULE
NOTES:



- 6 STRIP
- FILE NAME: 7102-121
SHEET NO.: 1
DFT. SCALE: 1:1
MATERIAL: 0.002" THK. OFE COPPER FOIL
QTY: 2 PER ASSEMBLY (SEE NOTE 1)
NOTES: 1. EVERY STRIP MADE FROM 25 PIECES (50 TOTAL).

FOR MACHINING LUBRICANT USE ONLY
ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LEPP

TECHNICAL RESOURCE APPROVALS REQUIRED BEFORE FABRICATION			
	OK	DATE	N/A
DRAFTING (O'Connell):			
MACHINE SHOP (Kaminski):			
CHEMISTRY (Conklin):			
ELECTRONICS SHOP (Barley):			
FURNACE BRAZING (Sherwood):			
BEAM WELDING (Sears):			
WELDING OTHER (Gallagher):			
UTILITIES INTEGRATION (Gallagher):			
STOCKROOMS (Lockwood):			

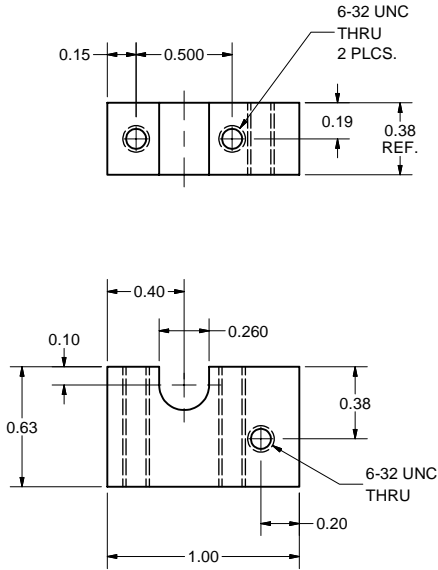
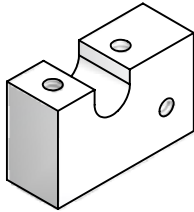
ITEM	DWG. NO.	DESCRIPTION	G1	G2	G3	REMARKS	REV.
			QUANTITY				
13	Purchased	#6 Spring Washer, 316 SS	8			McMaster-Carr's 92147A420	
12	Purchased	#10 Spring Washer, 316 SS	2			McMaster-Carr's 92147A430	
11	Purchased	#6-32 x 1/2 Socket Head Cap Screw, 316 SS	8			McMaster-Carr's 92185A148	
10	Purchased	#10-32 x 3/4 Socket Head Cap Screw, 316 SS	2			McMaster-Carr's 92185A991	
6	7102-121 (Sh. 1)	STRIP	2				
5	7102-121 (Sh. 2)	CLAMP 2	4				
4	7102-121 (Sh. 2)	CLAMP 1	2				
3	7102-121 (Sh. 2)	TOP BAR	1				
2	7101-121 (Sh. 2)	BLOCK 1	2				
1	7102-121 (Sh. 1)	2 K WIRES TUBING 80 K HEAT SINK ASM.	X				
PLOT DATE: 12/4/2007 CAD FILE NAME: 7102-121.idw							
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ± .010 .000 ± .005 FRACTIONS ± 1/64 ANGLES ± 0.5° ALL SURFACES ✓							
DRAWN BY V.Medjdzade		DRAWN FOR M.Liepe		DATE 6/15/2007		SCALE D	
7102-121 SH. NO. 1 OF 2		7102-121 SH. NO. 1 OF 2		7102-121 SH. NO. 1 OF 2		7102-121 SH. NO. 1 OF 2	



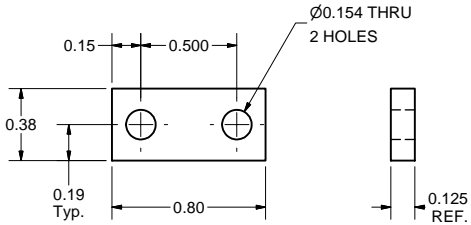
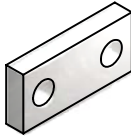
CORNELL UNIVERSITY
Floyd R. Newman Laboratory
Ithaca, NY 14853

ERL INJECTOR CRYOMODULE
2 K WIRES TUBING 80 K HEAT SINK
2 K WIRES TUBING 80 K HEAT SINK ASM.; STRIP

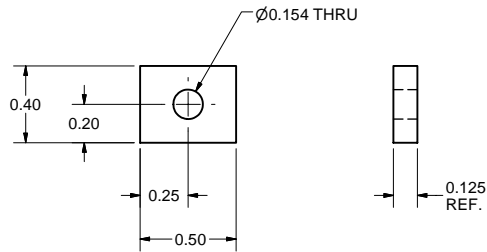
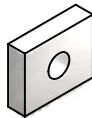
REVISIONS			
SYM.	ZONE	DESCRIPTION	DATE APP.



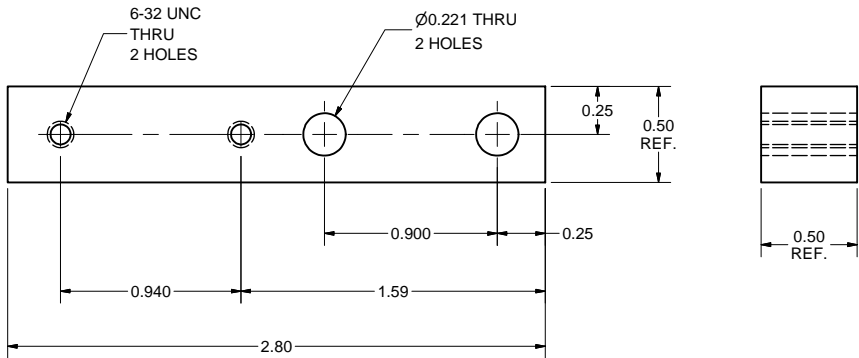
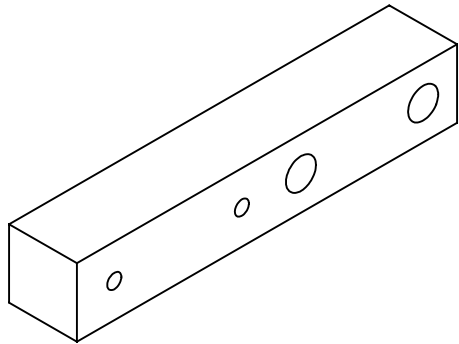
2 BLOCK 1
FILE NAME: 7102-121
SHEET NO.: 2
DFT. SCALE: 2:1
MATERIAL: 3/8" 6061-T6 ALUMINUM SHEET
QTY: 2 PER ASSEMBLY
NOTES:



4 CLAMP 1
FILE NAME: 7102-121
SHEET NO.: 2
DFT. SCALE: 2:1
MATERIAL: 1/8" THK. 6061-T6 ALUMINUM SHEET
QTY: 2 PER ASSEMBLY
NOTES:









5 CLAMP 2
FILE NAME: 7102-121
SHEET NO.: 2
DFT. SCALE: 2:1
MATERIAL: 1/8" THK. 6061-T6 ALUMINUM SHEET
QTY: 4 PER ASSEMBLY
NOTES:



3 TOP BAR
FILE NAME: 7102-121
SHEET NO.: 2
DFT. SCALE: 2:1
MATERIAL: 1/2" x 1/2" 6061-T6 ALUMINUM BAR
QTY: 1 PER ASSEMBLY
NOTES:

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ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LEPP

TECHNICAL RESOURCE APPROVALS REQUIRED BEFORE FABRICATION			
	OK	DATE	N/A
DRAFTING (O'Connel):			
MACHINE SHOP (Kaminski):			
CHEMISTRY (Conklin):			
ELECTRONICS SHOP (Barley):			
FURNACE BRAZING (Sherwood):			
BEAM WELDING (Sears):			
WELDING OTHER (Gallagher):			
UTILITIES INTEGRATION (Gallagher):			
STOCKROOMS (Lockwood):			

	ITEM	DWG. NO.	DESCRIPTION			G1	G2	G3	REMARKS	REV.
							QUANTITY			
	PRINT DISTR.	PLOT DATE: 12/4/2007 CAD FILE NAME: 7102-121.idw								
	SH. NO. 2 OF 2	7102-121	CR-1	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES: TOLERANCES ON: .00 ± .010 .000 ± .005 FRACTIONS ± 1/64 ANGLES ± 0.5° ALL SURFACES 	<div>  CORNELL UNIVERSITY Floyd R. Newman Laboratory Ithaca, NY 14853</div> <div>LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS</div>					
ERL INJECTOR CRYOMODULE 2 K WIRES TUBING 80 K HEAT SINK BLOCK 1; CLAMP 1; CLAMP 2; TOP BAR										
CHECKED BY: VM					DRAWN BY V.Medjdzade	DRAWN FOR M.Liepe	DATE 6/15/2007	SCALE		7102-121 SH. NO. 2 OF 2
APPROVED BY: TIO										