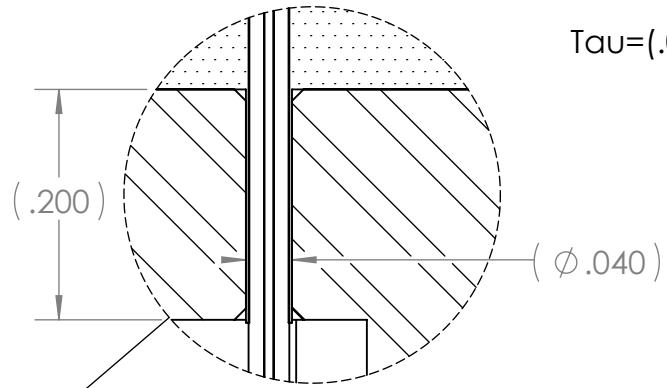
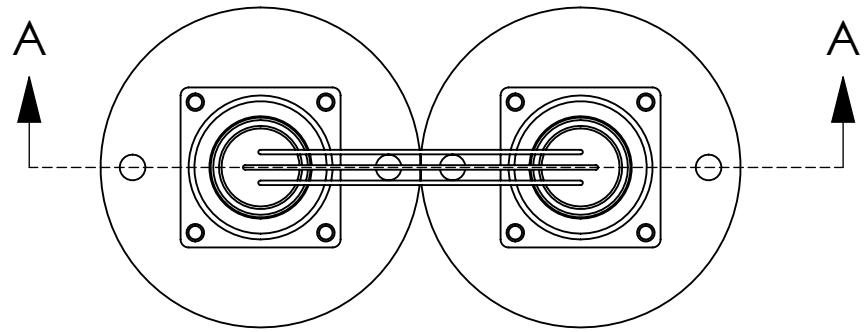
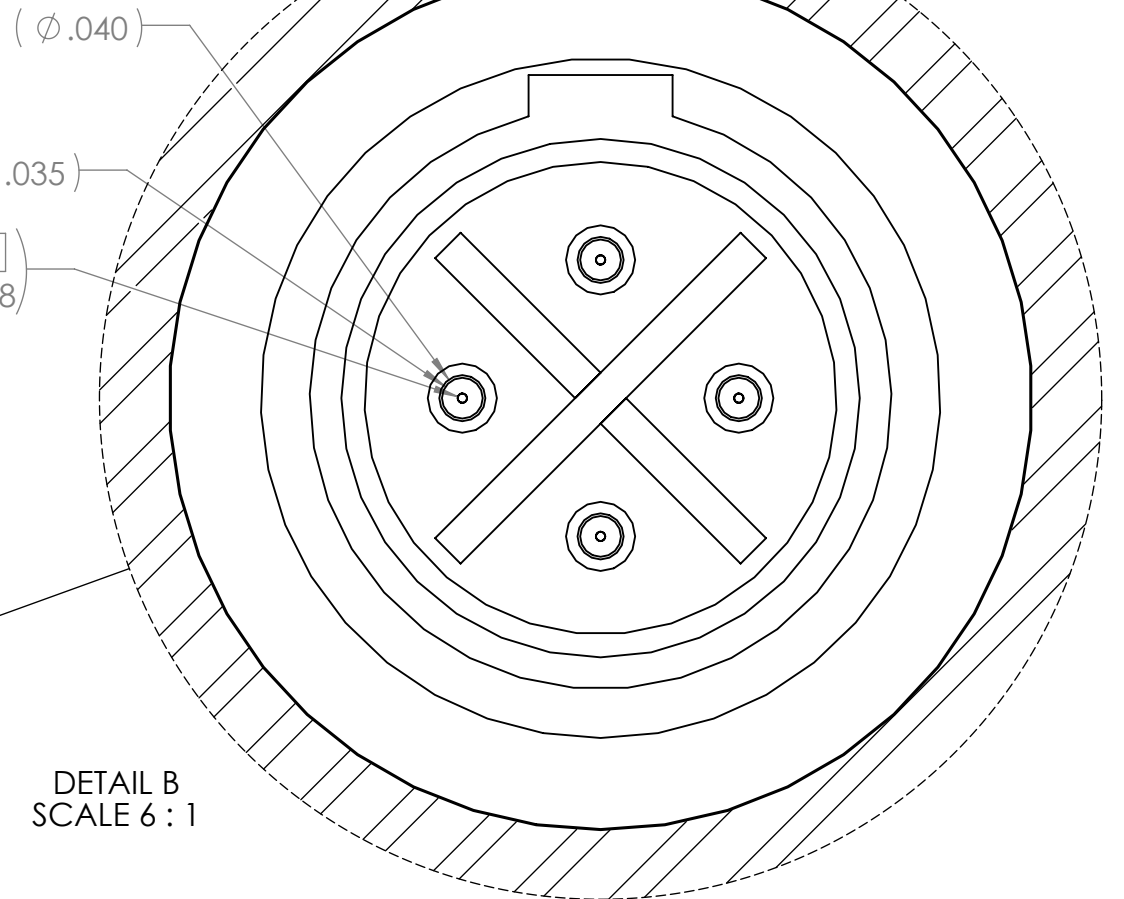
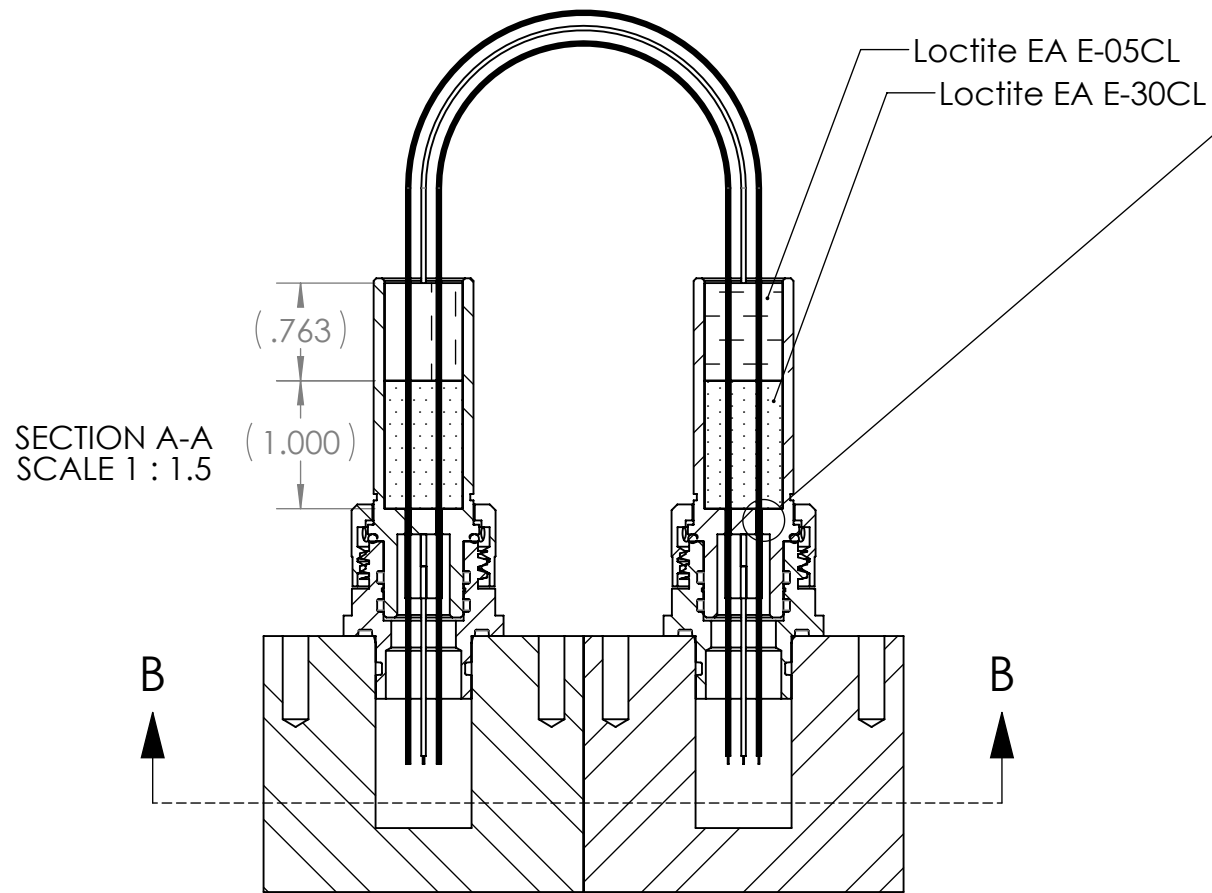


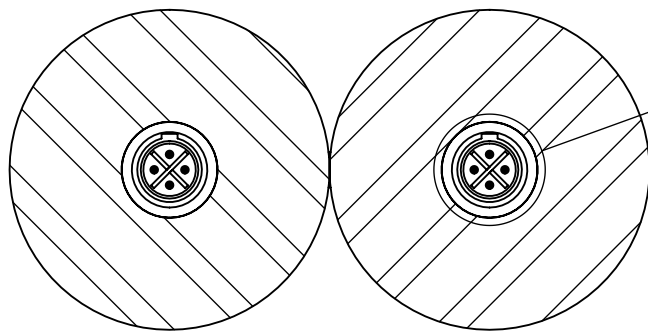


$$F = (.040^2) (\pi/4) * 4000 \text{ psi} = 5.03 \text{ lbf}$$

$$\tau = (.040 * \pi) * .200 * 5.03 \text{ lbf} = .126 \text{ psi.}$$



SECTION B-B
SCALE 1 : 1.5



7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\FiberConnections\Test

NOTES: (CONT. FROM TITLE BLOCK)

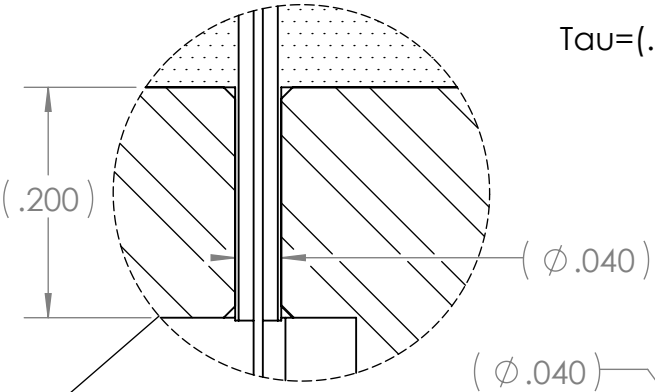
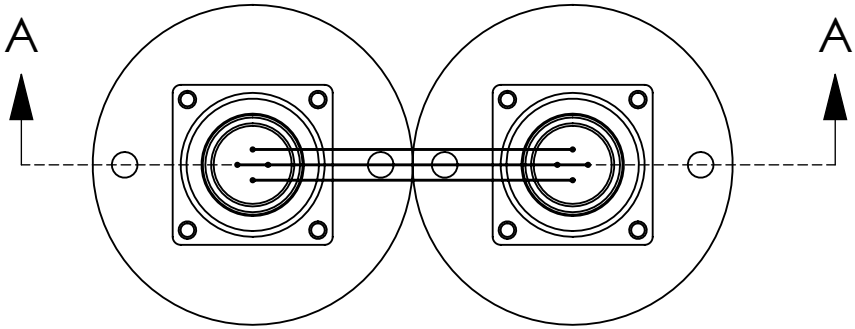
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION		
BILL OF MATERIALS							
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Shop Foreman		1. DIMENSIONS ARE IN INCHES					
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.					
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.					
		4. MACHINED FILLET RADII .0150-.030.					
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.					
Application		DO NOT SCALE DRAWING		WEIGHT		PROJECT NAME Test Assem 2	
				PROJECT NO.	901506	PROJECT NAME Test Assem 2	
				PROJECT	ZZZZZZZZ		
				WEIGHT		PROJECT NAME Test Assem 2	
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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

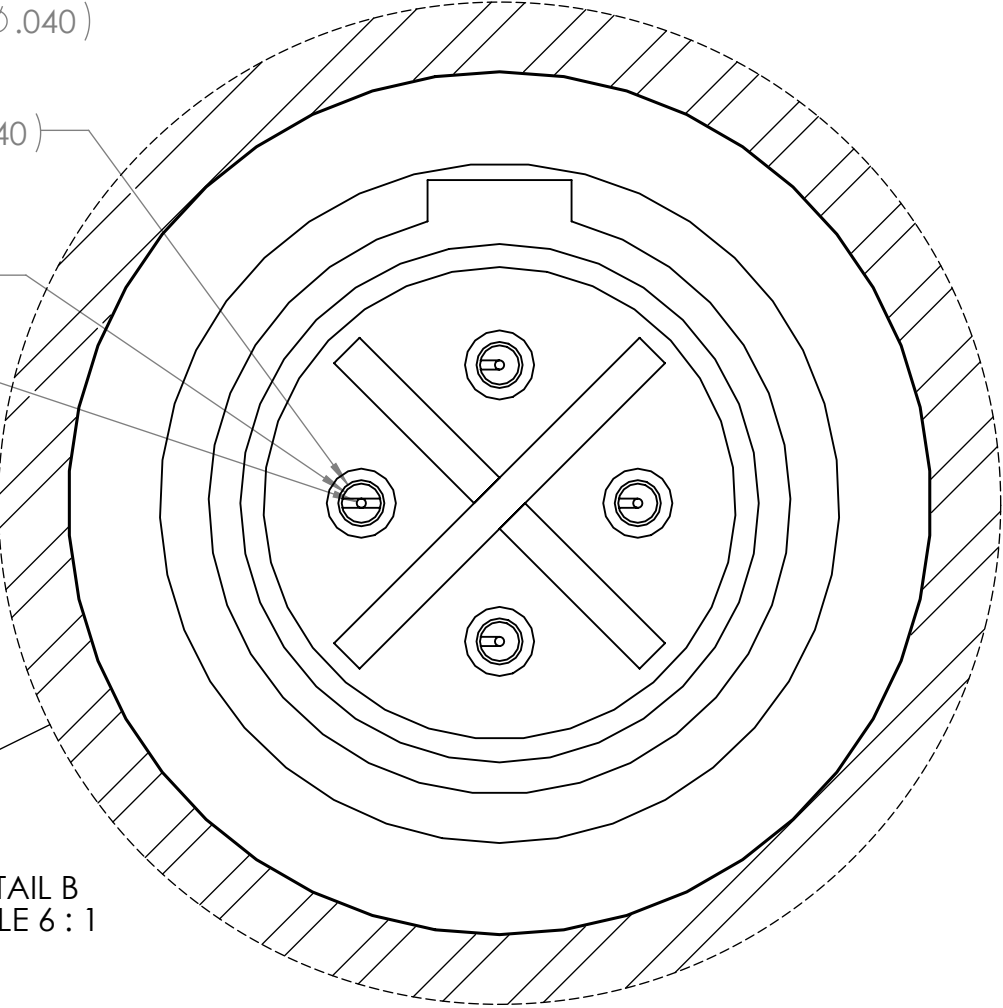
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

$F = (.040^2) (\pi/4) * 4000 \text{psi} = 5.03 \text{ lbf}$

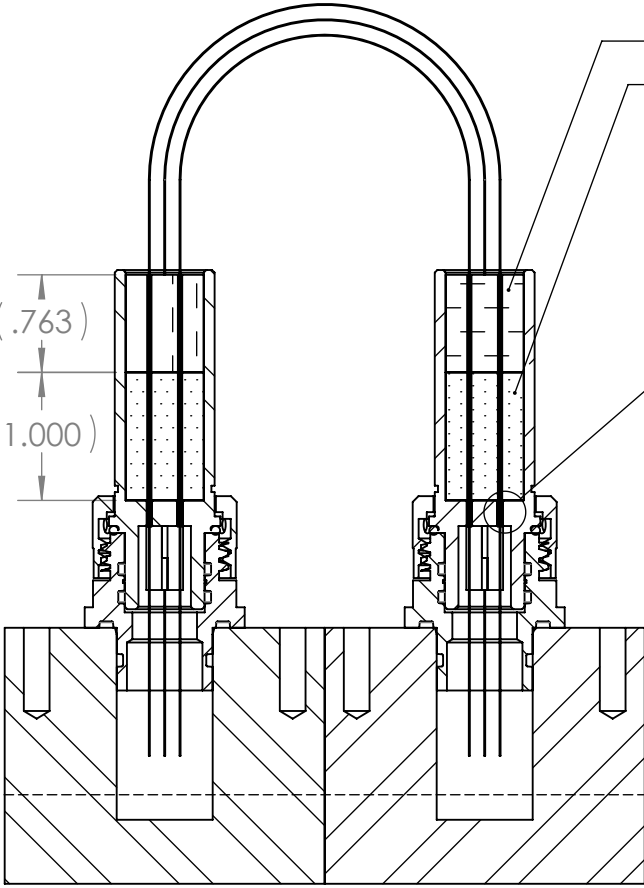
$\tau = (.040 * \pi) * .200 * 5.03 \text{lbf} = .126 \text{ psi.}$



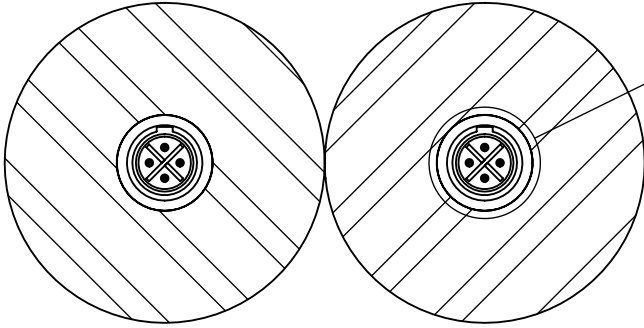
DETAIL A
SCALE 6 : 1



DETAIL B
SCALE 6 : 1



SECTION A-A
SCALE 1 : 1.5



SECTION B-B
SCALE 1 : 1.5

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\FiberConnections\Test

NOTES: (CONT. FROM TITLE BLOCK)

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\FiberConnections\Test

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°
Engineer		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.	
NEXT ASSY Description	NEXT ASSY Number	APPROVALS DATE	
		DRAWN J. ERICKSON	
		ENGINEER J. ERICKSON	
		CHECKED	
		PROJECT NO. XXX	
		PROJECT ZZZZZZZZ	
		WEIGHT lb.	
		DO NOT SCALE DRAWING	
		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		PROJECT NAME Test Assem 2	
		SIZE B DWG. NO. A-202xxx-18.DWG	
		SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2	