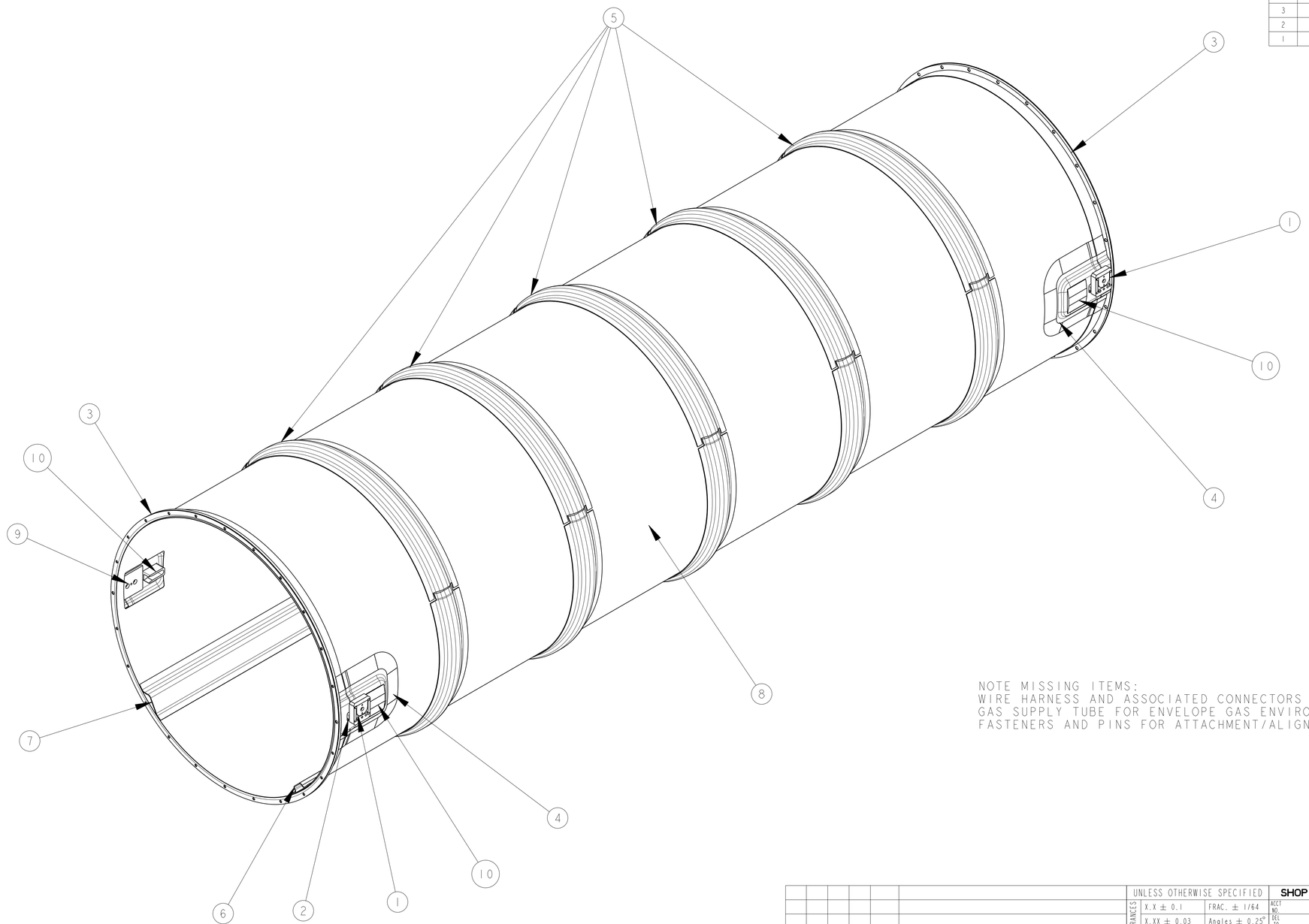
DWG. NO. 2501014 | SIZE 1 | REV. 2 | SH.

ITEM	PART NO	REQD	DESCRIPTION	MATERIAL
10	250130	4	PIXEL MOUNT BLOCK GENERIC	Ti 6Al4V
9	250119	4	PST FLEXURE MOUNT BLOCK	-
8	250117	1	BARREL SHELL LAMINATE	
7	250115	1	FLAT RAIL BARREL	P30 EX1515
6	250113	1	VEE RAIL BARREL	-
5	250104	5	HAT HOOP STIFFENER ARRAY OF THREE	-
4	250099	4	MOUNT PAD	CN60 EX1515
3	250024	2	BARREL FLANGE ASSEMBLY	
2	210120	4	FLEXURE MOUNT SHIM	-
1	21F792	4	BARREL PST SUPPORT FLEXURE	Ti 6Al4V



NOTE MISSING ITEMS:
WIRE HARNESS AND ASSOCIATED CONNECTORS AND STRAIN RELIEF BLOCKS
GAS SUPPLY TUBE FOR ENVELOPE GAS ENVIRONMENT
FASTENERS AND PINS FOR ATTACHMENT/ALIGNMENT

SCALE 3/10

REV	DWG	CHK	ZONE	DATE	CHANGES

UNLESS OTHERWISE SPECIFIED

TOLERANCES:
X.X ± 0.1 | FRAC. ± 1/64
X.XX ± 0.03 | Angles ± 0.25°
X.XXX ± 0.015 | FINISH 125 µin

DO NOT SCALE PRINT

THREADS ARE CLASS 2
CHAMFER ENDS OF ALL SCREW TREADS 30°
CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
IN ACCORDANCE WITH ASME Y14.5M & B46.1

SHOP ORDERS

ACCT NO.	NO. REQD	SER NO. -
		DATE -
DEL TO		ISSD -
		DATE REQD -
SURFACE TREATMT		
IDENT METHOD	TAG	
PROJECT NUMBER	ATLIP-ED-XXXX	US ATLAS SILICON SUBSYSTEM (1 sign)
PROJECT NAME	US ATLAS SILICON SUBSYSTEM	
DWG BY	HARTMAN	DATE 14-Feb-03
CHK BY		DATE
APR BY	GILCHRIESE	DATE

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

ATLAS PIXEL DETECTOR
PIXEL SUPPORT TUBE
BARREL PST ASSEMBLY

MICROFILMED:	DWG. TYPE	SHOWN ON	SCALE: 1/4	DO NOT SCALE PRINTS
	ASSEM		SHEET 2 OF 2	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE	DWG. NO. 2501014	SIZE A / REV. 1
	PIAP11	AP6300		

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