



NOTE: DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYN	CHANGE DESCRIPTION	BY	CHKD	DATE
1	4X 1.38 [35.05] WAS 4X 1.75 [44.45]			
	7.39 [187.71] WAS 7.81 [198.37]			
	2.891 [73.43] WAS 3.250 [82.55]	M.J.M.	J.C.	6/3/99

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY																																				
PARTS LIST																																								
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES		THIS DRAWING IS THE PROPERTY OF																																						
TOLERANCES		ARGONNE NATIONAL LABORATORY																																						
DECIMALS	ANGLES	A4710005-01																																						
± .1 [2.5]	± 0'30"	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>CHIEF DESIGN ENGINEER</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>MUSCIA</td> <td>4/28/99</td> <td>D. SHU</td> <td>5/3/99</td> <td rowspan="5"> ADVANCED PHOTON SOURCE A4 -71 15mm HEAVY LOAD PNEUMATIC ACTUATOR FOR P4-30 LIMIT SWITCH COVER </td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td>OP. LEADER</td> <td>DATE</td> </tr> <tr> <td>J. CHANG</td> <td>4/30/99</td> <td>T.M. KUZAY</td> <td>5/7/99</td> </tr> <tr> <td>DESIGNER</td> <td>DATE</td> <td>PROJECT MGR.</td> <td>DATE</td> </tr> <tr> <td>CHANG/MUSCIA</td> <td>4/28/99</td> <td></td> <td></td> </tr> <tr> <td>RESPONSIBLE ENGINEER</td> <td>DATE</td> <td>APPROVED/RELEASED</td> <td>DATE</td> <td></td> </tr> <tr> <td>J. CHANG</td> <td>4/30/99</td> <td></td> <td></td> <td></td> </tr> </table>			DRAWN BY	DATE	CHIEF DESIGN ENGINEER	DATE	TITLE	MUSCIA	4/28/99	D. SHU	5/3/99	ADVANCED PHOTON SOURCE A4 -71 15mm HEAVY LOAD PNEUMATIC ACTUATOR FOR P4-30 LIMIT SWITCH COVER	CHECKED BY	DATE	OP. LEADER	DATE	J. CHANG	4/30/99	T.M. KUZAY	5/7/99	DESIGNER	DATE	PROJECT MGR.	DATE	CHANG/MUSCIA	4/28/99			RESPONSIBLE ENGINEER	DATE	APPROVED/RELEASED	DATE		J. CHANG	4/30/99			
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SURFACE ROUGHNESS 125 ✓		MATERIAL																																						
REMOVE ALL BURRS AND BREAK SHARP EDGES 32 MAX.		LEXAN																																						
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASPT DRAWING		SCALE HALF																																						
DIMENSIONS & TOLERANCES IN ACCORDANCE WITH LATEST ASPT DRAWING		SHEET 1 of 1																																						
DO NOT SCALE DRAWING		SIZE C																																						
		DRAWING NUMBER A4-710005-01																																						