



TOLERANCES

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
LINEAR TOLERANCES:
TWO PLACE DECIMAL ±0.005
THREE PLACE DECIMAL ±0.002
ANGULAR ±30'
SURFACE FINISH: 32 MICRONS INCHES
PARALLELISM: 0.002
FLATNESS: 0.002
STRAIGHTNESS: 0.002
CONCENTRICITY: 0.002
PERPENDICULARITY: 0.002
THREAD: CLASS 2 FIT

NAME	DATE
DRAWN: JFS	11/02/05
ENG APPR: JMM	11/02/05
WF G APPR: JMM	11/02/05

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THORLABS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THORLABS, INC. IS PROHIBITED.

THORLABS INC.		PO BOX 366 NEWTON NJ	
TITLE: PIEZOELECTRIC ACTUATOR WITH FEEDBACK, 20mm TRAVEL			
MATERIAL: STAINLESS STEEL		SIZE REV. A A	
DWG. NO. 12769-E01	PART NO. PAZ005	SHEET 1 OF 1	

5

4

3

2

1