THIS DRAWING AND ALL DATA INCLUDED IS THE PROPERTY OF DUAL-LS-100-FTP (AKA DUAL-LS-100-FTP-K1)APPLIED SCIENTIFIC INSTRUMENTATION AND THE INFORMATION CONTAINED HEREIN IS FOR GENERAL PRESENTATION PURPOSES ONLY AND MAY CHANGE AT ANY TIME, CONTACT ASI OR A FACTORY REPRESENTATIVE FOR PROJECT SPECIFIC ENGINEERING. (AKA LS-100-FTP-DUAL) 4.31in [109.5mm] 1) REQUIRES ADDITION OF LS-1010-K TO MOUNT TO IMPERIAL BREADBOARD. 3.82in 2) DUAL-LS-100-FTP KIT INCLUDES PART #LS-100-AMELL & LS-100-AMERL, W/FTP SLIDE, (SHOP SLIDE#; LS-1002 HEV SLIDE) *LS-100-YXXXX (PART # REFERENCE)* 97mm Y = LEAD SCREW PITCH (U - 0.635mm; A - 1.59mm; B - 6.35mm; C - 12.7mm; D - 25.4mm; S - 1.59mm SCAN-OPTIMIZED) 3.33in X = METRIC THREADS (M - METRIC) 84.5mm X = TRAVEL TYPE (C - CENTERED TRAVEL, E - EXTENDED TRAVEL) .83in 11X M6x1 X = LEFT OR RIGHT SIDE CONNECTOR (L - LEFT, R - RIGHT) 21mm 4X CLR. F. M6 SHCS. X = BODY TYPE (H - HE BODY, L - HEV BODY) .33in **F.SIDE** 8.5mm MOUNTING TABLE NOTE: #DUAL-LS-100-K0 DOES NOT INCLUDE ANY BRACKETS FOR MOUNTING TABLE. Φló *#LS-PM-KIT-14-X2 AVAILABLE FOR #DUAL-LS-100-K0 (POST MOUNT W/14" RISER) 1.97in 2.70in *#LS-PM-KIT-17-X2 AVAILABLE FOR #DUAL-LS-100-K0 (POST MOUNT W/17" RISER) [25mm] [50mm] 25<u>m</u>m 68.6mm #DUAL-LS-100-K1 IS AS PICTURED. (WITH LS-1007 BRACKET) #DUAL-LS-100-K2 INCLUDES LS-5008 TALL RIGHT ANGLE BRACKETS IN PLACE OF LS-1007 BRACKET. #DUAL-LS-100-STGSPT-K1 INCLUDES LS-2-STGSPT SLIDE AND LS-2-STGSPT BRACKETS. FOR "GOALPOST" SETUPS. 4X CLR. F. M6 SHCS 4.64in 25mm 117.9mm *FROM NOTE 1), ADD LS-1010-K 3.82in FOR IMPERIAL MOUNTING AND 97mm HARDWARE. 3.33in MAXIMUM TRAVEL MINIMUM TRAVFI 84.5mm 100mm UP FROM SHOWN POSITION LS-1007 12.11in 8.17in [307.5mm] [207.5mm] (MAX.) (MIN.) 7.49in #DUAL-LS-100-FTP COMES WITH [190.2mm] QTY.1 LS 100 ASSEMBLY WITH RIGHT SIDE DB-15 MALE CONNECTOR & QTY.1 WITH .68in 7.00in LEFT SIDE DB-15 MALE CONNECTOR **a in** 17.3mm [177.7mm] (*BOTH SIDE CONNECTORS SHOWN) SLIDE TRAVELS 1.17in 29.8mm .82in 8X M6x1 3.17in 21mm **BOTH SIDES** 80.4mm 1.32ir T33.5mmT DESCRIPTION NLESS OTHERWISE SPECIFIED PROPRIETARY AND CONFIDENTIAL APPLIED SCIENTIFIC INSTRUMENTATION DIMENSIONS ARE IN INCHES .xx± .01 .xxx± .005 LS-100 LINEAR STAGE, WITH SUB-MICRON ACCURACY, 100 mm OF TRAVEL, METRIC THREADS, EXTENDED TRAVEL 29391 W ENID RD THE INFORMATION CONTAINED IN THIS EUGENE, OR 97402-9533 .xxx±.0002 .xxxx±.0002 FRACTIONS± 1/32 ANGLES± 1° DRAWING IS THE SOLE PROPERTY OF APPLIED PHONE: (541)461-8181 HEV BODY, SLIDE INTEGRATED RIGHT ANGLE BRACKET SCIENTIFIC INSTRUMENTATION. ANY FAX: (541)461-4018 REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF APPLIED DRAWN BY/DATE CHECKED BY/DATE SCALE REV MATERIAL DRAWING # SCIENTIFIC INSTRUMENTATION IS V.MARSO ALUM, M.ANTHONY 7/13/23 DUAL-LS-100-FTP 1:4 PROHIBITED. J. DANIELS 7/13/23 ANODÍZED BLK