

BILL OF MATERIALS
 ARS-KB-R

P/N	DESCRIPTION	ITEM	QTY	TYP
ARS-KB-R	FLIGHT KEYBOARD ASSY	1	1	KIT
KIT-FGN.1M.308.XLCM	KEYBOARD CONNECTOR KIT WITH CONNECTOR, PINS, AND STRAIN RELIEF	2	1	KIT
HW-CONN-LEMO-FGN.1M.308.XLCM	USB/PS2 LEMO PLUG, 8x MALE PINS LEMO #FGN.1M.308.XLCM	2a	1	EA
HW-CONN-Amphenol-M85049/38-9N	Amphenol M85049/38-9N Strain Relief	2b	1	EA
HW-SCREW-S-1420-0500-SS-000SH-LP	18-8 SS LOW SOCKET SCREW, 1/4"-20 x 1/2"	3	4	EA
HW-NUT-S-1420-0203-0438-SS-NYLONINSERT	18-8 SS LOCKING HEX NUT W/ NYLON INS., 1/4"-20	4	4	EA
HW-WASHER-S-0281-0050-0625-SS	18-8 SS FLAT WASHER, 1/4" SCREW SIZE, 5/8" OD	5	4	EA

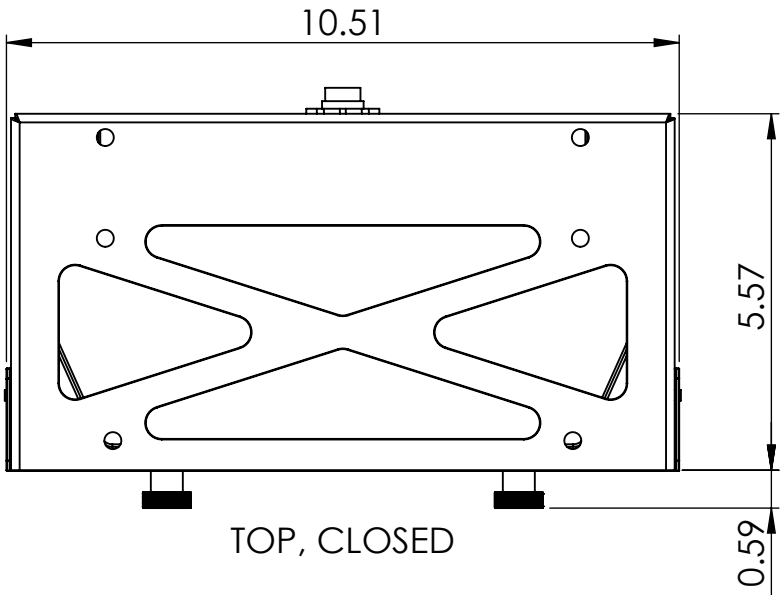
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OVER

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	NAME	DATE	TITLE: ARS-KB-R		
DRAWN BY:	JLH	4/9/21			
CHECKED BY:	NHM	4/9/21			
ALL DIM IN INCHES [MM] WEIGHT IN LBS [KG]			SIZE A	HARDWARE REV: 2	DRAWING REV: 10
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ±0.005					
DO NOT SCALE DRAWING					SHEET 1 OF 4

SYSTEM WEIGHT: 3.125lbs [1.42 kg]
±0.07 lbs [0.03 kg]

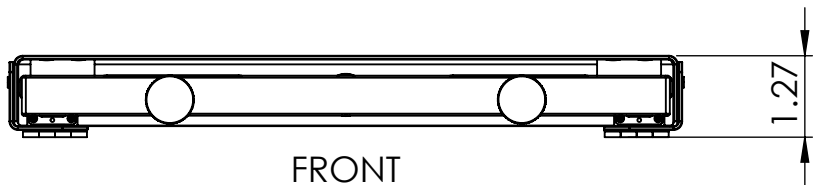
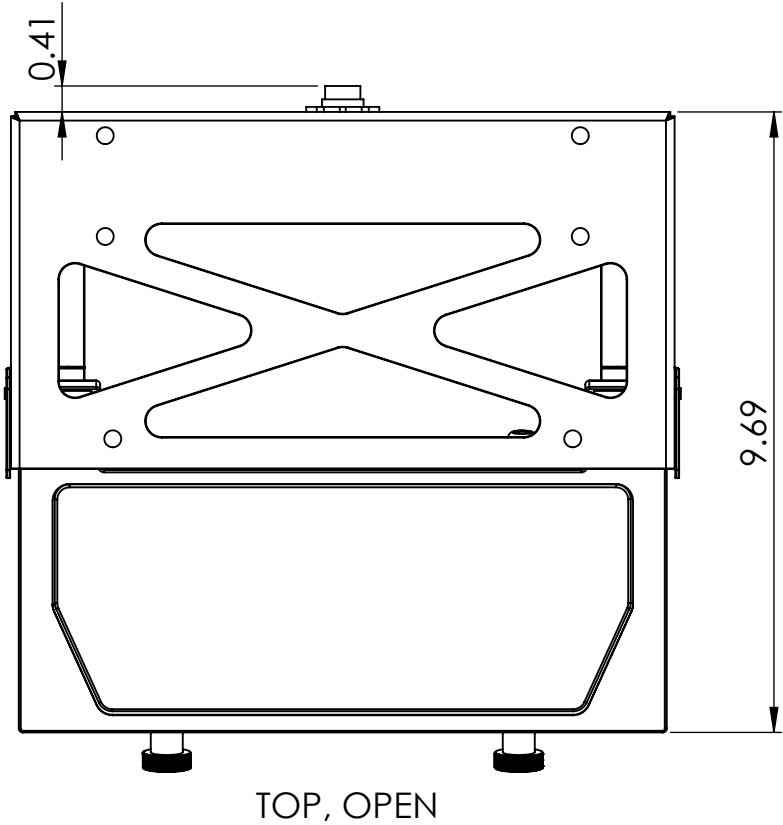
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C

B

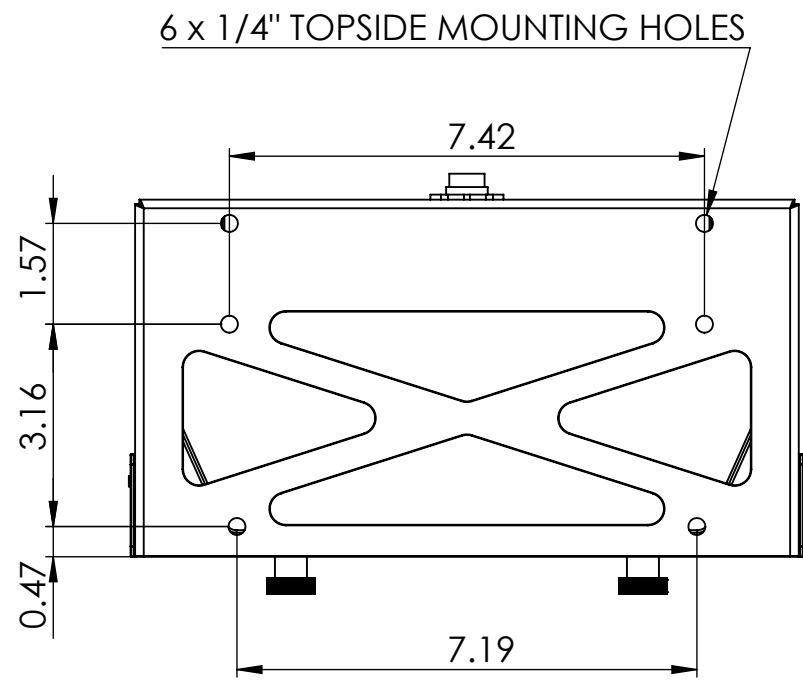
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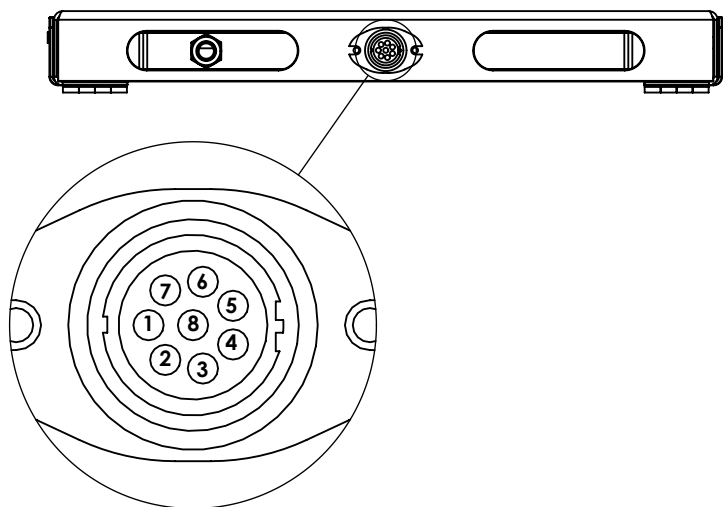


NOTE:
FOR MOUNTING, USE ONLY
LOW PROFILE 1/4" BOLTS.

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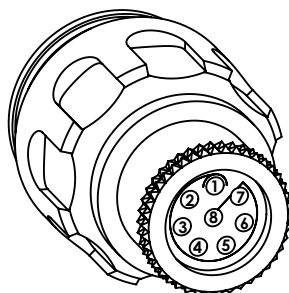
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				SHEET 3 OF 4		
DO NOT SCALE DRAWING						



DETAIL A

While populating LEMO connectors, please follow the pattern on the rear of the male LEMO, as seen below



Mating Connector
(Specifically FGN.1M.308.XLCM)

LEMO PORT FOR USE AS USB DEVICE:

PIN1. 5V (+)
PIN2. GROUND
PIN3. DATA+
PIN4. DATA-
PIN5. N/C
PIN6. N/C
PIN7. N/C
PIN8. N/C

LEMO PORT FOR USE AS PS/2 DEVICE

PIN1. 5V (+)
PIN2. GROUND
PIN3. N/C
PIN4. N/C
PIN5. KEYBOARD CLOCK
PIN6. KEYBOARD DATA
PIN7. MOUSE CLOCK
PIN8. MOUSE DATA

NOTE:
KEYBOARD MAY BE USED AS EITHER A
USB OR PS/2 DEVICE. WILL NOT
FUNCTION AS PS/2 AND USB DEVICE
CONCURRENTLY. USB CABLE LENGTH
NOT TO EXCEED 10 FEET.

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			A	2	10
					SHEET 4 OF 4

SHOT OVER

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