# AH500 Panel Cut-out
Viewed from rear
(scale 1:1)

6.11in
[155.20mm]

5.90in
[149.80mm]

4 x 8-32 UNC
mounting holes

0.62in
[15.88mm]

1.36in
[34.60mm]

1.41in
[35.70mm]

1.16in
[29.40mm]

4 x D0.25in
[D6.4mm] holes

5.33in
[135.80mm]

5.86in
[148.80mm]

Bezel
outline
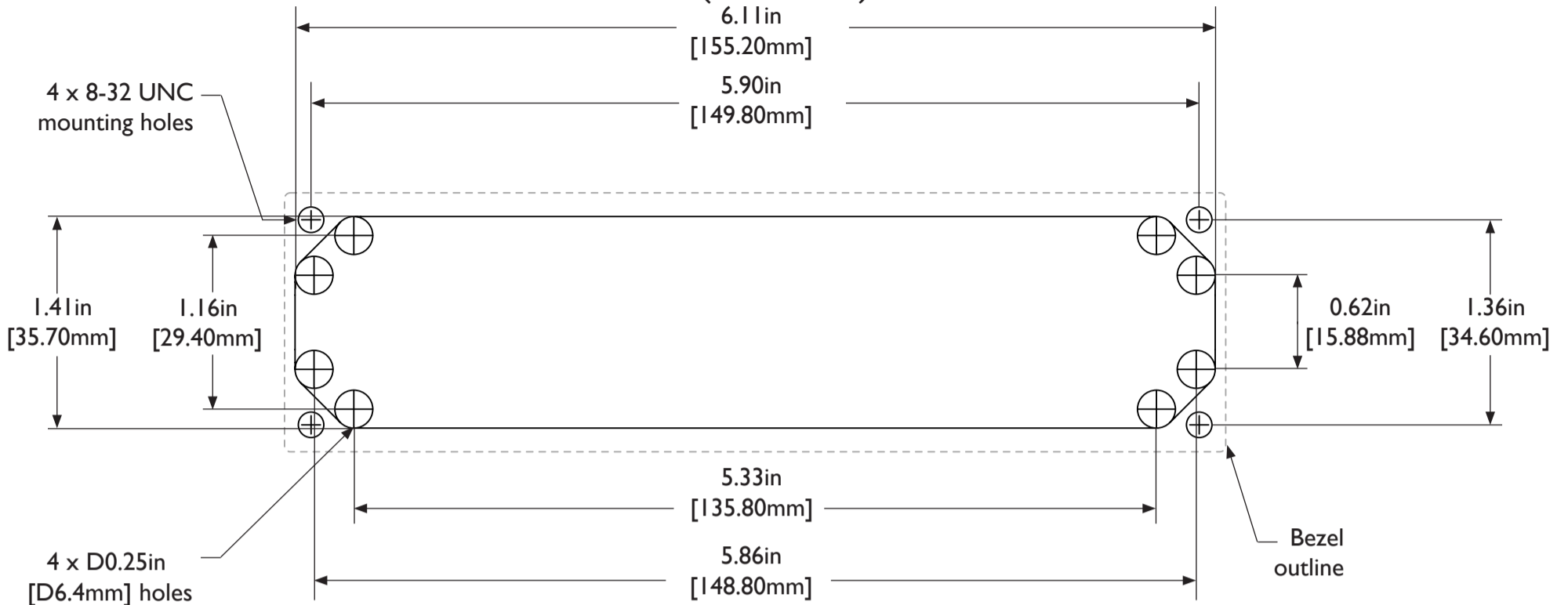
Physical Dimensions
Not to scale

6.25in
[158.75mm]

4 x 8-32 UNC
mounting holes

1.72in
[43.70mm]

TEST

AH500

0.19in
[5.00mm]

1.00in
[25.30mm]

1.33in
[33.70mm]

D-SUB 26 pin male
connector

PIN 1-9

PIN 10-18

PIN 19-26

AH500
Fitting instructions
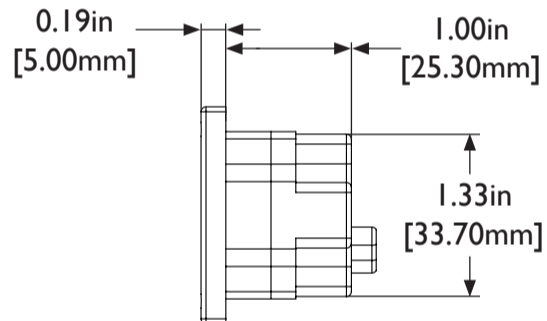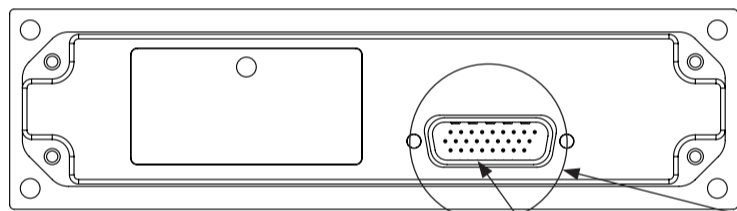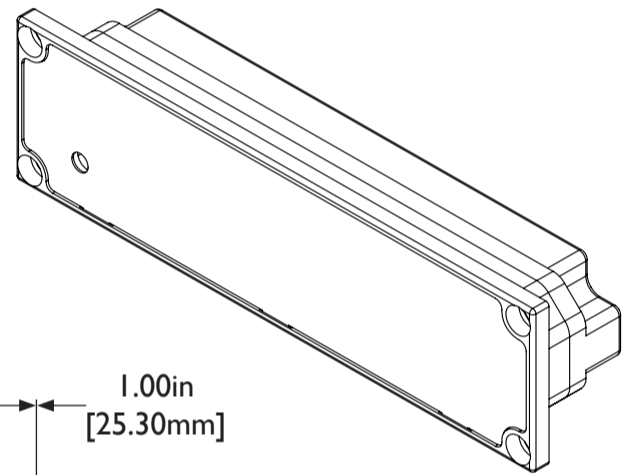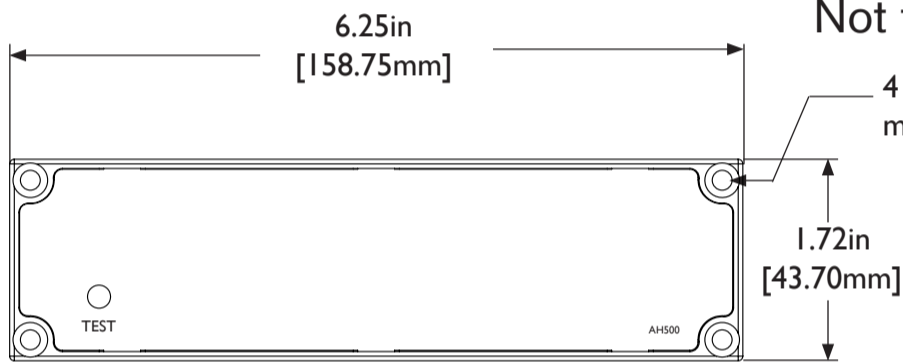
Key

PIN	DESC	TYPE	CONNECT TO
1	+ve Power	10 to 32V	Aircraft +ve bus
2	Ground	GND	Aircraft GND
3	Digital Input 0	Volt Free Digital Input	
4	Digital Input 1 / RS232Tx *	Volt Free Digital Input or (+/- 5V) EIA/TIA-232 *	
5	Analogue Input 0	0 to 32V	
6	Analogue Input 1	0 to 32V	
7	Digital Input 2 / RS232Rx *	Volt Free Digital Input or (+/- 5V) EIA/TIA-232 *	
8	Digital Input 3	Volt Free Digital Input	
9	Analogue Input 2	0 to 32V	
10	Acknowledge Input	Volt Free Digital Input	AH501 Pin 1
11	AH501 'Warning' Sink	LED AH501 PWM Current sink	AH501 Pin D
12	Digital Input 4	Volt Free Digital Input	
13	Digital Input 5	Volt Free Digital Input	
14	Digital Input 6	Volt Free Digital Input	
15	Digital Input 7	Volt Free Digital Input	
16	Digital Input 8	Volt Free Digital Input	
17	Analogue Input 3	0 to 32V	
18	Digital Input 9	Volt Free Digital Input	
19	V LED Out	AH501 VLED (10V)	AH501 Pin E & F
20	AH501 'Caution' Sink	LED AH501 PWM Current sink	AH501 Pin C
21	Digital Input 10	Volt Free Digital Input	
22	Audio Hi		
23	Audio Lo		
24	Digital Input 11	Volt Free Digital Input	
25	RS-232 RX	RX (+/- 5V) EIA/TIA-232	
26	RS-232 TX	TX (+/- 5V) EIA/TIA-232	

* Pin 4 and 7 configurable at time of build only

Weight 7.1oz (205 grams)

Rendered Image
(scale 1:1)

FIRE	FUEL PRESSURE	EXTERNAL POWER	ALT 1
CHECK GEAR	CHECK FLAPS	CHECK DOORS	ALT 2
LOW OIL PRESSURE	HIGH OIL TEMP	LOW VACUUM	LOW VOLTS
LOW FUEL	LOW HYD PRESSURE	PARKING BRAKE	PITOT

TEST

AH500

Example captions only