

P1	
Samtec ESQ-114-14-G-D	
Pin	Function
1	N.C.
2	N.C.
3	N.C.
4	N.C.
5	N.C.
6	N.C.
7	N.C.
8	N.C.
9	N.C.
10	N.C.
11	5V In
12	N.C.
13	3.3V In
14	N.C.
15	GND
16	SW (Enable)
17	AGND
18	N.C.
19	AGND
20	N.C.
21	XMAG+
22	XMAG-
23	YMAG+
24	YMAG-
25	ZMAG+
26	ZMAG-
27	N.C.
28	AGND

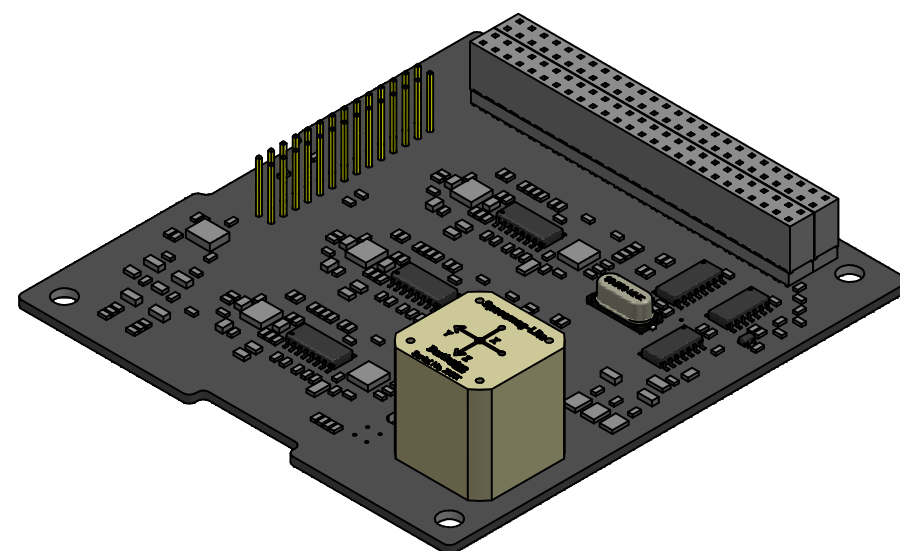
PH1	
Samtec ESQ-126-14-G-D	
Pin	Function
1 to 52	N.C.

PH2	
Samtec ESQ-126-14-G-D	
Pin	Function
1 to 24	N.C.
25	5V In
26	N.C.
27	3.3V In
28	N.C.
29	GND
30 to 52	N.C.

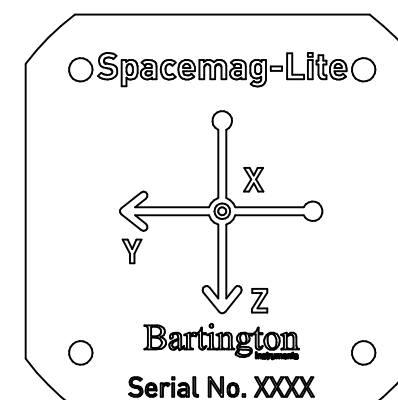
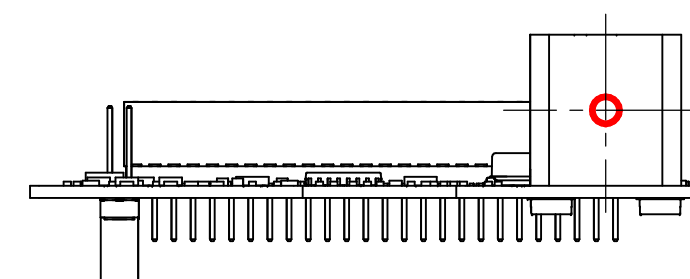
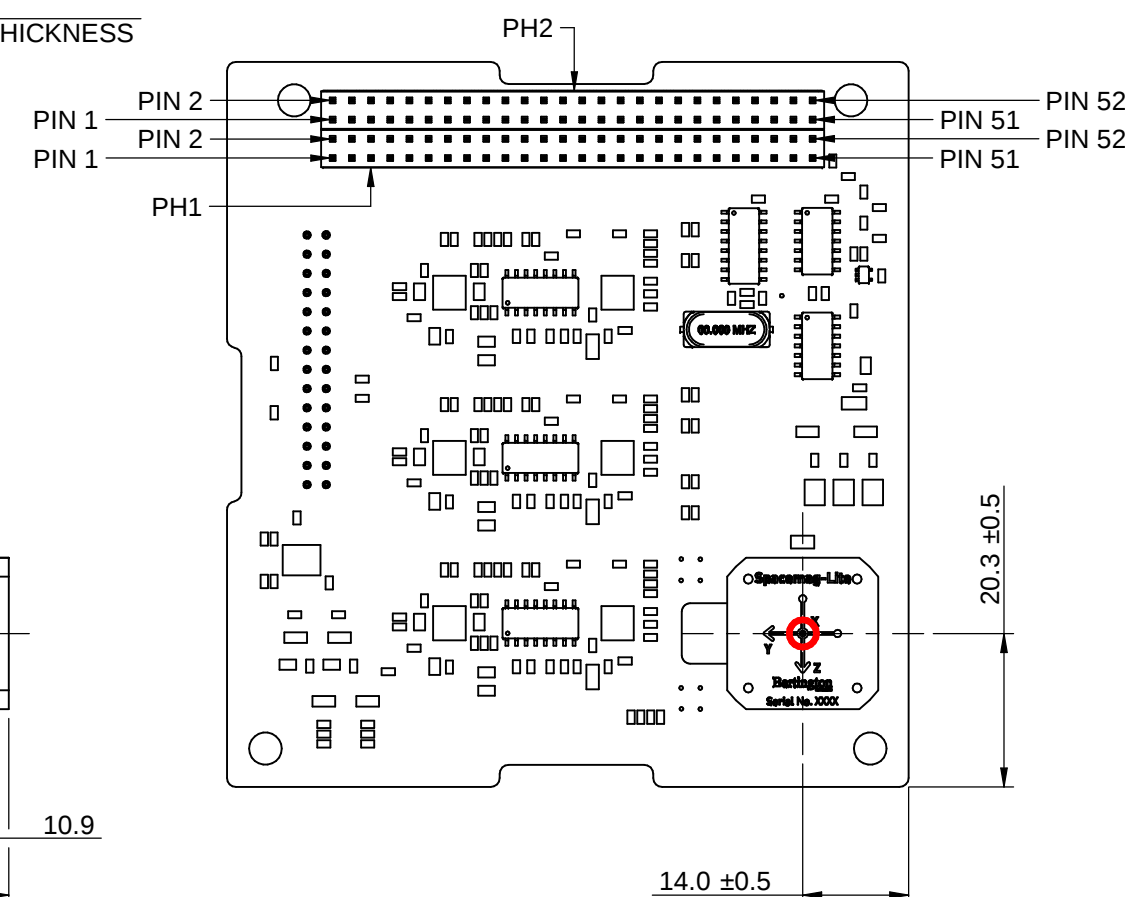
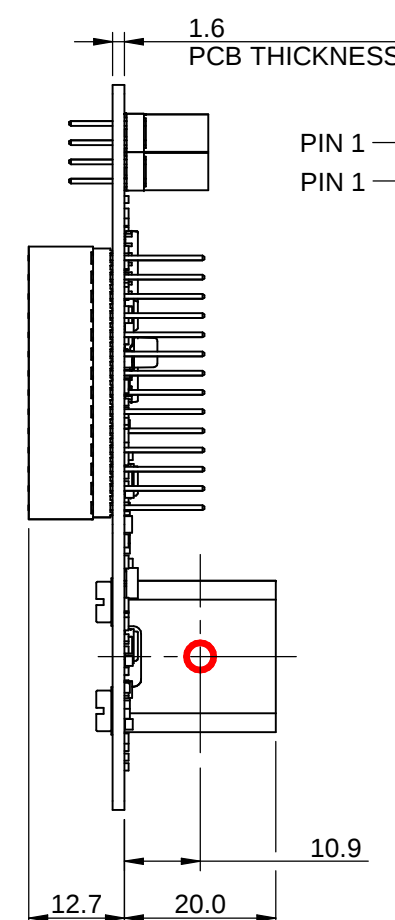
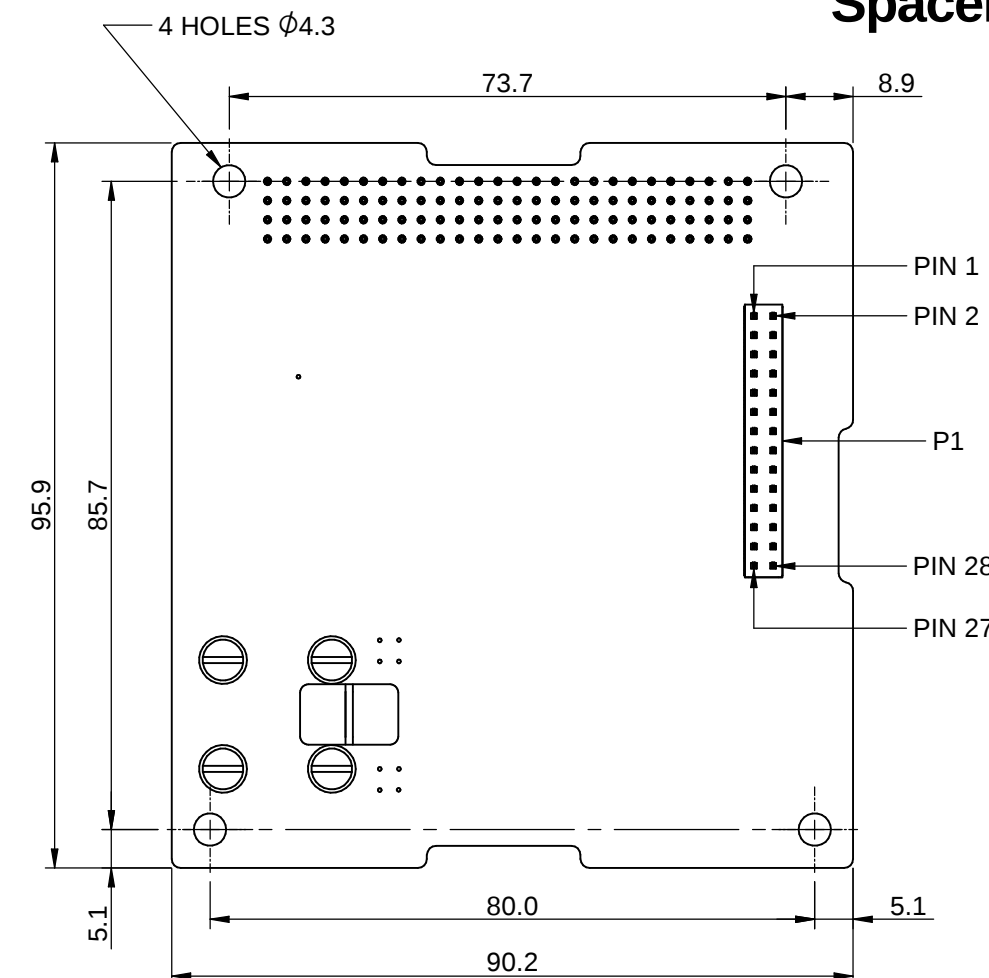
LINKED TO P1 - PIN 11

LINKED TO P1 - PIN 13

LINKED TO P1 - PIN 15



Spacemag-Lite



AXIS ORIENTATION



THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT IS
COMMERCIAL IN CONFIDENCE AND © BARTINGTON
INSTRUMENTS LTD AND/OR ITS LICENSORS. NEITHER MAY BE
REPRODUCED, COPIED OR TRANSMITTED TO ANY THIRD PARTY,
IN EACH CASE IN ANY MEDIUM, WITHOUT THE PRIOR WRITTEN
PERMISSION OF BARTINGTON INSTRUMENTS LTD.

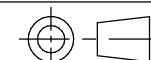
	Title
--	-------

Spacemag-Lite Outline Drawing

Revisions

Added Spacemag-Lite Probe Variant

Third Angle Projection



	Project
--	---------

D1501

Dimensions in mm

Size A3

Sheet 1/3

Created by	<i>Luke Fry</i>
------------	-----------------

Modified by	<i>Lewis O'Neil</i>
-------------	---------------------

Approved by	<i>Nicholas Ave</i>
-------------	---------------------

Drawing No.	
-------------	--

	Issue
--	-------

DCN No

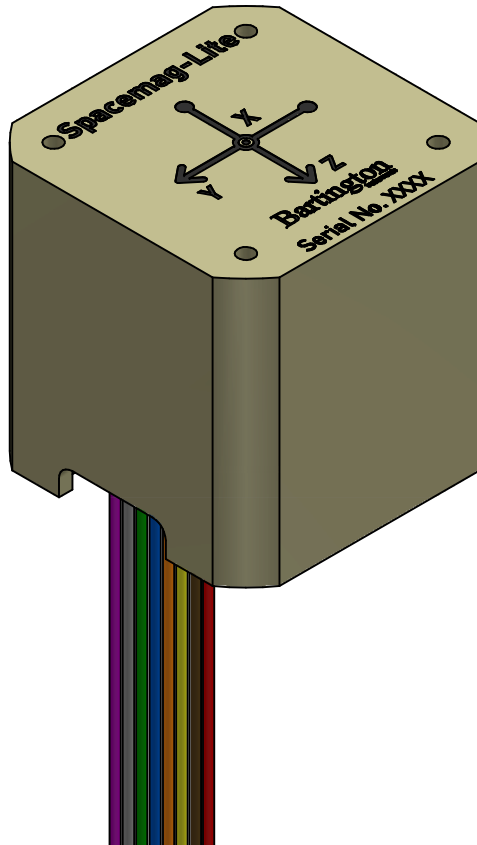
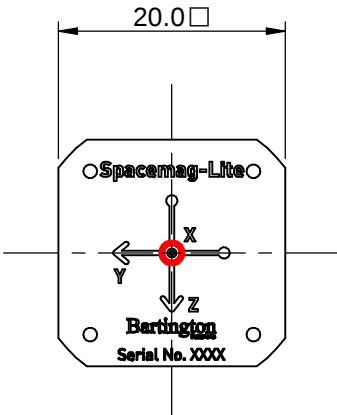
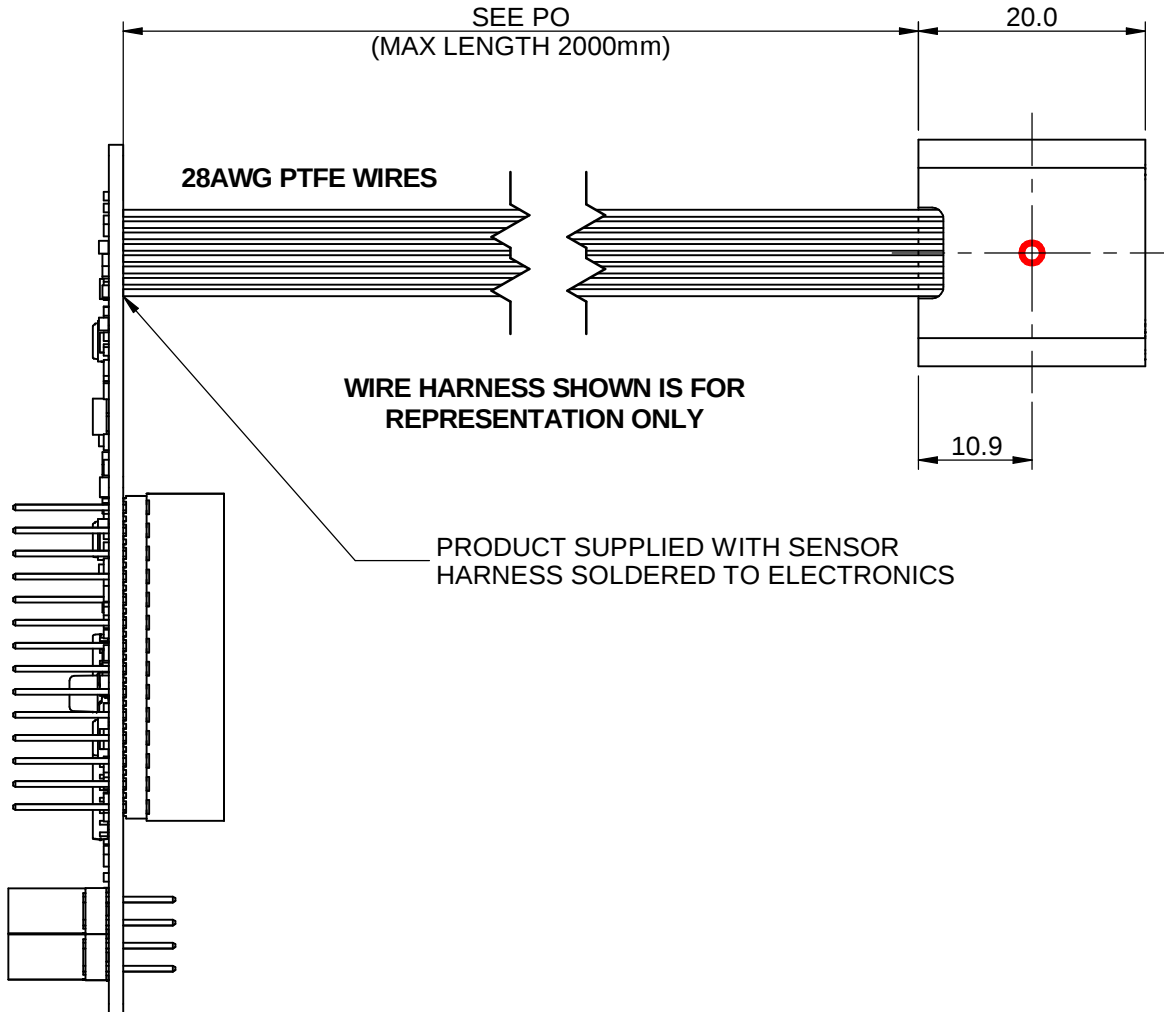
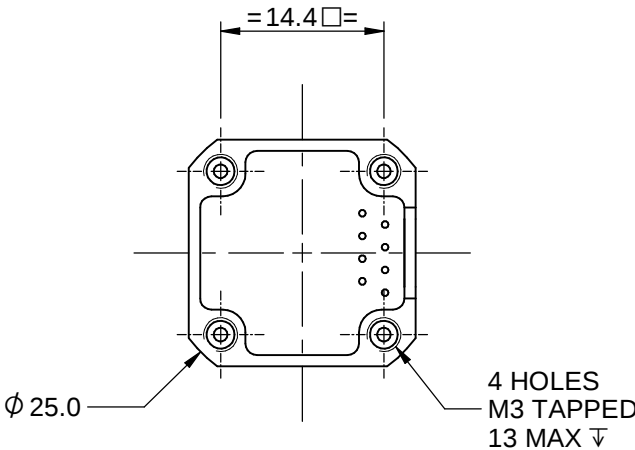
DR3777

(

1870

O - CENTRE OF SENSING ELEMENTS

Spacemag-Lite (Harness Variant)



SEE PAGE 1 FOR ELECTRONICS CONNECTION DETAILS

PRODUCT SUPPLIED WITH SENSOR HARNESS SOLDERED TO ELECTRONICS

Harness Wiring	
Colour	Function
Red	X Drive
Orange	Y Drive
Yellow	Z Drive
Brown	Excitation GND
Blue	X Sense
Violet	Y Sense
Grey	Z Sense
Green	Sense GND

○ - CENTRE OF SENSING ELEMENTS



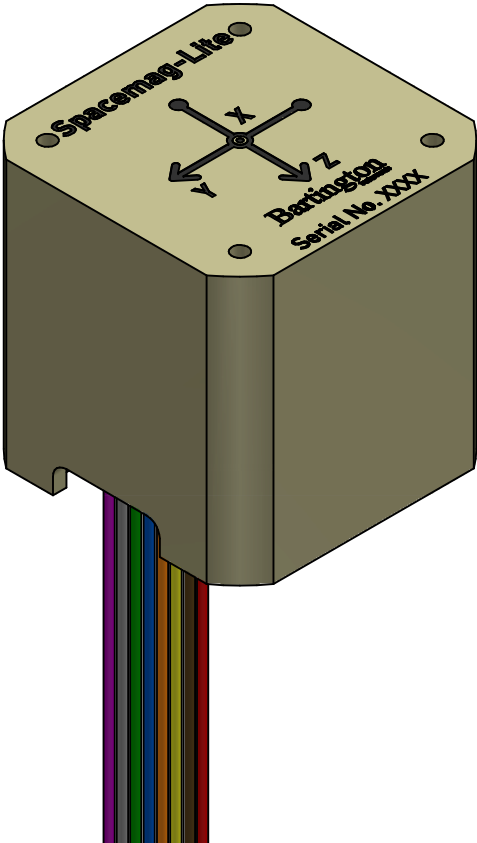
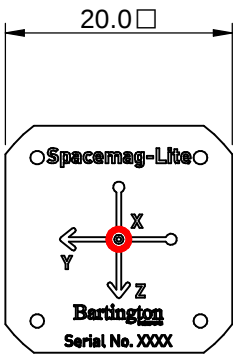
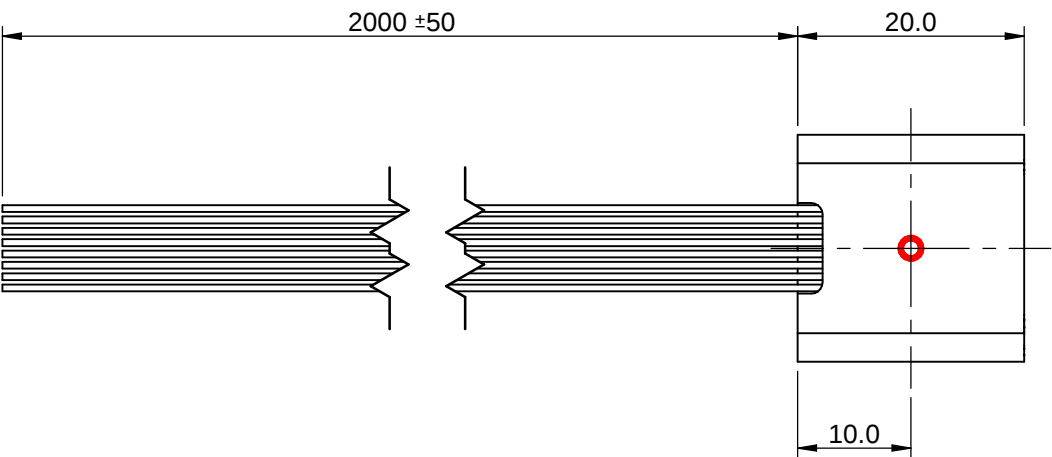
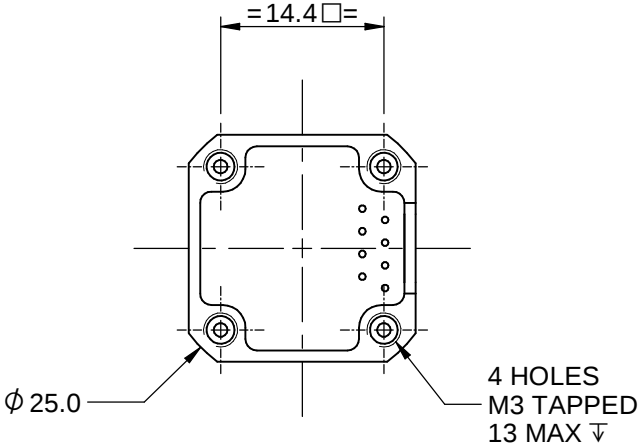
THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT IS COMMERCIAL IN CONFIDENCE AND © BARTINGTON INSTRUMENTS LTD AND/OR ITS LICENSORS. NEITHER MAY BE REPRODUCED, COPIED OR TRANSMITTED TO ANY THIRD PARTY, IN EACH CASE IN ANY MEDIUM, WITHOUT THE PRIOR WRITTEN PERMISSION OF BARTINGTON INSTRUMENTS LTD.

Title
**Spacemag-Lite
Outline Drawing**

Revisions
Added Spacemag-Lite Probe Variant

Third Angle Projection	Project D1501
Dimensions in mm	Size A3 Sheet 2/3
Created by Luke Fry	10/08/2015
Modified by Lewis O'Neil	20/08/2019
Approved by Nicholas Avery	20/08/2019
Drawing No. DR3777	Issue 6
	DCN No. 1870

Spacemag-Lite Probe



Harness Wiring	
Colour	Function
Red	X Drive
Orange	Y Drive
Yellow	Z Drive
Brown	Excitation GND
Blue	X Sense
Violet	Y Sense
Grey	Z Sense
Green	Sense GND

○ - CENTRE OF SENSING ELEMENTS



THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT IS
COMMERCIAL IN CONFIDENCE AND © BARTINGTON
INSTRUMENTS LTD AND/OR ITS LICENSORS. NEITHER MAY BE
REPRODUCED, COPIED OR TRANSMITTED TO ANY THIRD PARTY,
IN EACH CASE IN ANY MEDIUM, WITHOUT THE PRIOR WRITTEN
PERMISSION OF BARTINGTON INSTRUMENTS LTD.

Title
**Spacemag-Lite
Outline Drawing**

Revisions
Added Spacemag-Lite Probe Variant

Third Angle Projection	Project D1501
Dimensions in mm	Size A3 Sheet 3/3
Created by Luke Fry	10/08/2015
Modified by Lewis O'Neil	20/08/2019
Approved by Nicholas Avery	20/08/2019
Drawing No. DR3777	Issue 6
	DCN No. 1870