

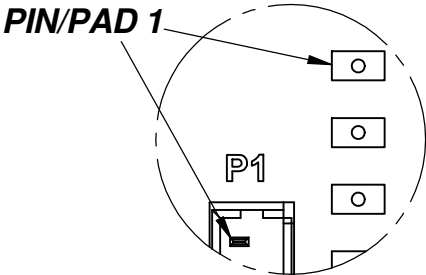
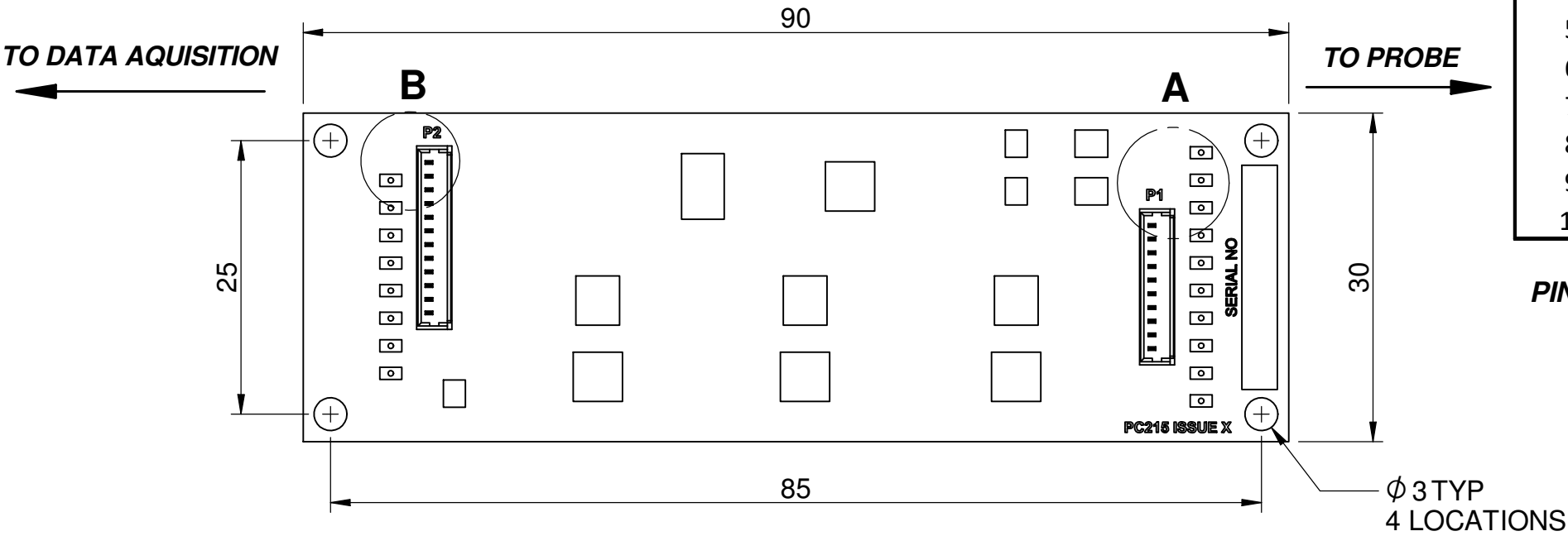
Molex Picoblade 53047-1210 (P2)	
Pin	Function
1	CLK_IN
2	CLK_OUT
3	+Vin
4	-Vin
5	X Mag
6	Y Mag
7	Z Mag
8	AGND
9	AGND
10	N.C.
11	N.C.
12	AGND

Molex Picoblade 53047-1010 (P1)	
Pin	Function
1	X Drive
2	Y Drive
3	Z Drive
4	EGND
5	X Sense
6	AGND X
7	Y Sense
8	AGND Y
9	Z Sense
10	AGND Z

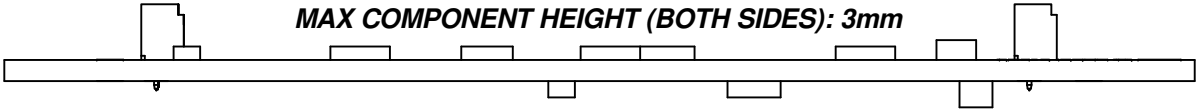
P2 Pads	
Pad	Function
1	+Vin
2	-Vin
3	X Mag
4	Y Mag
5	Z Mag
6	AGND
7	AGND
8	N.C.

P1 Pads (To Mag614-FL Probe)		
Pad	Function	Probe Wire Colours
1	X Drive	Red
2	Y Drive	Orange
3	Z Drive	Yellow
4	EGND	Brown
5	X Sense	Blue
6	AGND X	Green
7	Y Sense	Violet
8	AGND Y	Black
9	Z Sense	Grey
10	ANGD Z	White

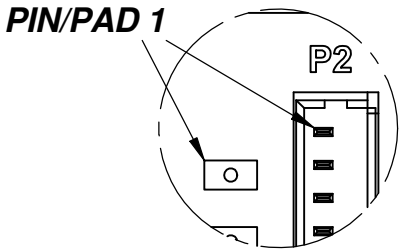
*NOTE: AGND X, Y & Z ARE LINKED BY R55 & R56 (ZERO Ω LINK).



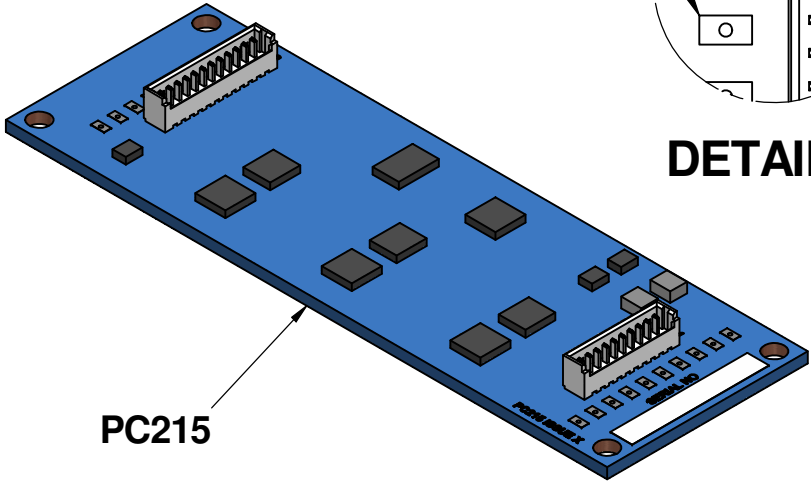
DETAIL A



MAX COMPONENT HEIGHT (BOTH SIDES): 3mm



DETAIL B



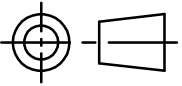
PC215

Bartington
Instruments

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DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE
PROJECTION



UNTOLERANCED DIMENSIONS

LINEAR:	ANGULAR:
XX ±0.3mm	XX ±0.5°
XX.X ±0.1mm	XX.X ±0.1°
XX.XX ±0.05mm	XX.XX ±0.05°

TITLE

Mag614-FL-RTUDE
Outline Drawing

TECHNICAL INFORMATION No.	TI4363
OPERATION MANUAL No.	OM3551
DATASHEET No.	DS3629

PROJECT No

D1706

DRAWN

Nicholas Avery

17/04/2018

MODIFIED

MECH' CHECK

Daniel Cetnik

17/04/2018

ELEC' CHECK

Daniel Cetnik

17/04/2018

DRAWING No

DR4374

ISSUE

1

SEE DCN NUMBER
FOR DESIGN
CHANGE HISTORY