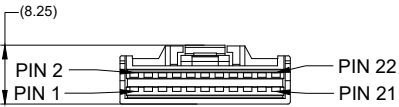


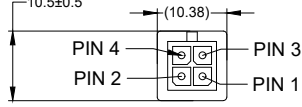
VIEW A



22-PIN FEMALE MATING FACE

PIN#	COLOUR	DESCRIPTION
1	WHITE	INPUT - 1
2	RED	+5V
3	GREY	INPUT - 2
4	BLACK	GND
5	GREEN	INPUT - 3
6	GREEN	485A-1
7	PURPLE	INPUT - 4
8	WHITE	485B-1
9	ORANGE	INPUT - 5
10	BLACK	GND
11	BLUE	INPUT - 6
12	GREEN	485A-2
13	BROWN	INPUT - 7
14	WHITE	485B-2
15	WHITE-BLACK	INPUT - 8
16	GREY-BLACK	OUTPUT - 1
17	PURPLE-BLACK	SPEED SIGNAL
18	GREEN-BLACK	OUTPUT - 2
19	ORANGE-BLACK	SPEED GND
20	N.C	N.C
21	BLACK	GND
22	RED	12V OUT

VIEW B

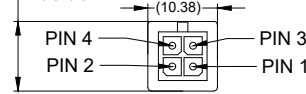


4-PIN MALE MATING FACE

'VIEW B' CONNECTION MATRIX

PIN #	1	2	3	4	SHIELD
22-PIN	2	14	12	10	-
WIRE COLOUR	RED	WHITE	GREEN	BLACK	N.C
DESCRIPTION	+5V	485B-2	485A-2	GND	N.C

VIEW C



4-PIN MALE MATING FACE

'VIEW C' CONNECTION MATRIX

PIN #	1	2	3	4	SHIELD
22-PIN	2	8	6	4	-
WIRE COLOUR	RED	WHITE	GREEN	BLACK	N.C
DESCRIPTION	+5V	485B-1	485A-1	GND	N.C

Revision Notes

R1 -

APA: -

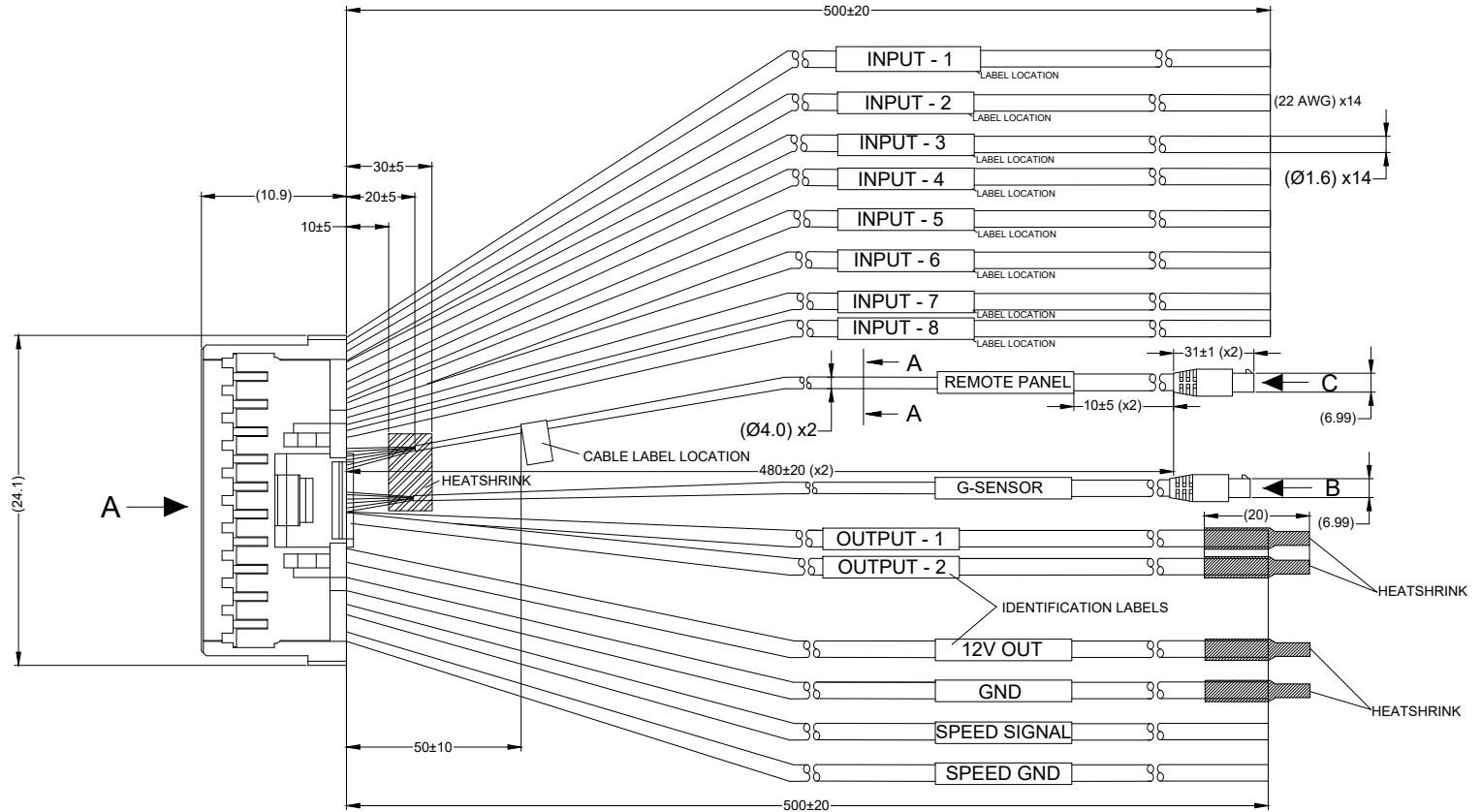
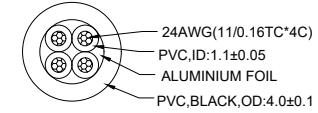
Drawn: -

Checked: -

Approved: -

Date: -

CABLE BUILDUP VIEW A-A

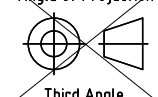


- LABEL SPECIFICATIONS:**
1. ALL LABELS SHOULD BE WHITE/SILVER.
 2. ALL INK SHOULD BE BLACK.
 3. ALL TEXT PRINTED SHOULD BE 3MM.

- NOTES:**
1. REFERENCE INSTRUCTION GUIDE FOR FUNCTIONALITY.
 2. ISOLATE CABLES IF NOT USED.
 3. FOR CABLE LABEL REFER TO LATEST REVISION OF DRAWING BE-003113-XX-15.
 4. ANY CUSTOMER MODIFICATION OF THIS PRODUCT CAUSING SUBSEQUENT FAILURE IS NOT A LIABILITY OF BRIGADE ELECTRONICS GROUP PLC.
 5. 12V OUT MAXIMUM LOAD: 12V @ 1A
 6. TRIGGER OUTPUTS MAXIMUM LOAD: 12V @ 200mA.

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Assembly Pl Approval SOFIA ZHANG	Approved by B. JOHN	Checked by M. BUTLER	Drawn by L.PILLAY
Angle of Projection  Third Angle	Units mm	Scale N/A	Released 30/03/17
	Status RELEASED	Assembly Ref MDR-10-01	
Part No 5142	BE-003416-00-16		