

CHANGES FROM BASE PRODUCT MDR-PWR-01 (5141) & MDR-IO-01 (5142) TO MDR-5XX(NA)(DTM)(NA)-TPC (5502)

'VIEW A' CONNECTION MATRIX

1. DEUTSCH CONNECTOR ADDED TO MDR-PWR-01 (5141) & MDR-IO-01 (5142)
2. MDR TRIG CABLE LABEL REMOVED
3. MDR PC CABLE LABEL REMOVED
4. MDR-5XX(DTM)(NA)-TPC CBL-LBL ADDED

OPERATION: OPERATION AS BASE PRODUCT

PIN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AV OUT	-	-	-	-	2	4	3	-	-	-	-	-	-	-	-	-
POWER	1	1	3	-	-	-	-	-	-	-	-	-	-	-	2	2
WIRE COLOUR	RED	RED	YELLOW	N/C	BLACK	CLEAR	WHITE	N/C	N/C	N/C	N/C	N/C	N/C	N/C	BLACK	BLACK
DESCRIPTION	12V / 24V	12V / 24V	IGNITION	N/C	GND	VIDEO	AUDIO	N/C	N/C	N/C	N/C	N/C	N/C	N/C	GND	GND

Revision Notes.

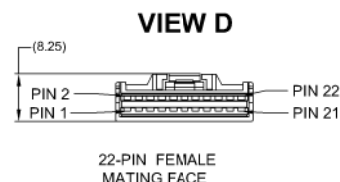
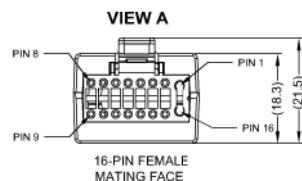
APA: -

Drawn:-

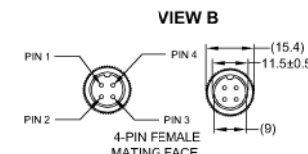
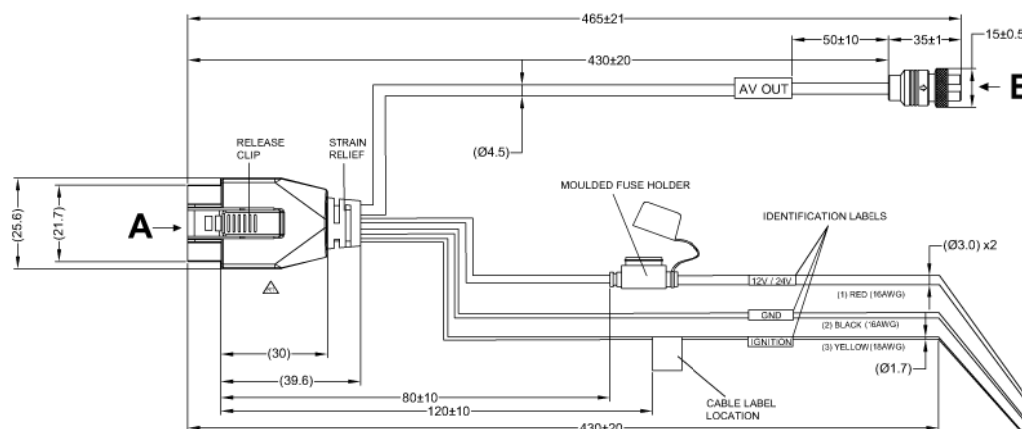
Checked:-

Approved:-

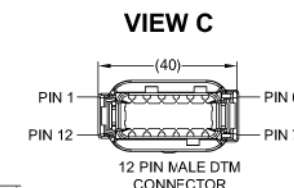
Date: -



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	
21	BLACK	GND
22	RED	12V OUT

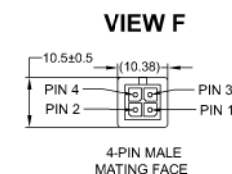
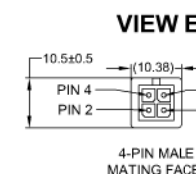


PIN#	COLOUR	DESCRIPTION	TERMINAL PIN
1	RED	DC IN+	1060-20-0122
2	YELLOW	ACC	1060-20-0122
3	BLACK	DC IN-	1060-20-0122
4	WHITE	TRIGGER IN 1	0460-202-0141
5	GREY	TRIGGER IN 2	0460-202-0141
6	GREEN	TRIGGER IN 3	0460-202-0141
7	PURPLE	TRIGGER IN 4	0460-202-0141
8	ORANGE	TRIGGER IN 5	0460-202-0141
9	BLUE	TRIGGER IN 6	0460-202-0141
10	BROWN	TRIGGER IN 7	0460-202-0141
11	YELLOW	12V OUT	0460-202-0141
12	GREY/BLACK	TRIGGER OUT 1	0460-202-0141



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

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



- NOTES
1. FOR PACKAGING AND LABELING PLEASE REFER TO MASTER BILL OF MATERIALS.
 2. ANY CUSTOMER MODIFICATION OF THIS PRODUCT CAUSING SUBSEQUENT FAILURE IS NOT A LIABILITY OF BRIGADE ELECTRONICS GROUP PLC.

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Customer Approval
M.HARDMAN 15/11/18

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Assembly PI Approval J.GREEN 14/11/18	Approved by B.JOHN	Checked by W.BEAZLEY	Drawn by W.SINDEN
Angle of Projection 	Units mm	Scale N/A	Released 15/11/18
Status RELEASED	Part No 5502	MDR-5XX(DTM)(NA)-TPC BE-003845-00-18	