

DESCRIPTION
 Orthman Dry EMC Motor Extension

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PART NUMBER
 206-06-6314Y1

MODIFIED BY
 Dirk Ricker

REV
 A-01

MODIFIED DATE
 2023-08-17

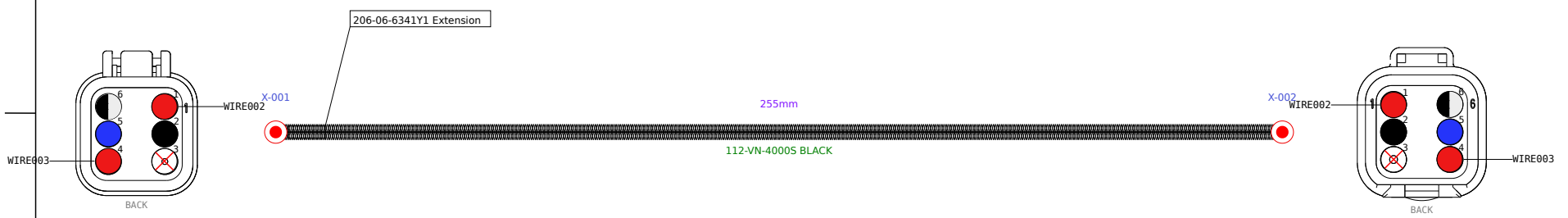
DRAWN BY
 dricker

SHEET
 1 OF 1

DRAWN DATE
 2022-08-17

SIZE
 A

Revisions	
A-01	Original Drawing.



X-001
206-06-6341Y1 Extension

Cav.	Wire	Colour	Gauge	Signal
1	WIRE002	RD	14	M-A
2	WIRE001	BK	14	M-B
3				
4	WIRE003	RD	18	+12V
5	WIRE004	BL	18	PWM-
6	WIRE005	BK WH	18	GND

X-002
Label

Cav.	Wire	Colour	Gauge	Signal
1	WIRE002	RD	14	M-A
2	WIRE001	BK	14	M-B
3				
4	WIRE003	RD	18	+12V
5	WIRE004	BL	18	PWM-
6	WIRE005	BK WH	18	GND

Required Testers	

DT06-6S
1x 103-06-W6S - WEDGE LOCK_DT_PLUG_6WY_ORANGE
1x 114-21-.75-WHITE - 3/4 in. Heat Shrink - White - Printable

DT04-6P
1x 103-06-W6P - WEDGE LOCK_DT_RECIP_6WY_GREEN

ALL - BILL OF MATERIALS

S.No	Quantity	Length (mm)	SurePoint Part No.	Part Type	Description	Supplier Name	Supplier Part No.
1	1		DT04-6P	Connector	RECP_6WY_DT_GY_SLD_MALE TERMS	DEUTSCH	DT04-6P
2	1		DT06-6S	Connector	PLUG_6WY_DT_GY_SLD_FEM TERMS	DEUTSCH	DT06-6S
3	1		103-06-W6P	Harness node attach part	WEDGE LOCK_DT_RECIP_6WY_GREEN	DEUTSCH	W6P
4	1		103-06-W6S	Harness node attach part	WEDGE LOCK_DT_PLUG_6WY_ORANGE	DEUTSCH	W6S
5	1		114-21-.75-WHITE	Harness node attach part	3/4 in. Heat Shrink - White - Printable	SureFire AG	114-21-.75-WHITE
6		255	112-VN-4000S BLACK	Sleeve & Tube	Black Braiding Wire	SureFire AG	112-VN-4000S BLACK
7	2		105-06-1060-16-0122	Terminal	MALE TERM_STAMPED SIZE 16_0.75-2.0mm2	DEUTSCH	1060-16-0122
8	3		105-06-1060-16-0622	Terminal	MALE TERM_STAMPED SIZE 16_0.5-1.0mm2	DEUTSCH	1060-16-0622
9	2		105-06-1062-16-0122	Terminal	FEM TERM_STAMPED SIZE 16_0.75-2.0mm2	DEUTSCH	1062-16-0122
10	3		105-06-1062-16-0622	Terminal	FEM TERM_STAMPED SIZE 16_0.5-1.0mm2	DEUTSCH	1062-16-0622
11		255	110-18-GXL-VZ22	Wire	18 AWG GXL Polyolefin Bare Wire-Dark Blue	SureFire AG	110-18-GXL-VZ22
12		255	110-14-GXL14-1Z30	Wire	14 AWG GXL Polyolefin Bare Wire- Red	SureFire AG	110-14-GXL14-1Z30
13		255	110-18-GXL18-09S	Wire	18 AWG GXL Polyolefin Bare Wire- Black/White Spiral	SureFire AG	110-18-GXL18-09S
14		255	110-14-GXL14-0Z30	Wire	14 AWG GXL Polyolefin Bare Wire- Black	SureFire AG	110-14-GXL14-0Z30
15		255	110-18-GXL-1Z30	Wire	18 AWG GXL Polyolefin Bare Wire- Red	SureFire AG	110-18-GXL-1Z30

ALL - MANUFACTURING TABLE

S.No	Wire PN	Wire No	Size	Colour	Wire Length (mm)	Strip End 1 (mm)	Strip End 2 (mm)	From Tag	Pin End 1	Terminal End 1	Seal End 1	To Tag	Pin End 2	Terminal End 2	Seal End 2	Location End 1	Location End 2
1	110-14-GXL14-0Z30	WIRE001	14	BK	275	5.200	5.200	X-001	2	105-06-1062-16-0122		X-002	2	105-06-1060-16-0122		1B	4B
2	110-14-GXL14-1Z30	WIRE002	14	RD	275	5.200	5.200	X-001	1	105-06-1062-16-0122		X-002	1	105-06-1060-16-0122		1B	4B
3	110-18-GXL-1Z30	WIRE003	18	RD	275	5.200	5.200	X-001	4	105-06-1062-16-0622		X-002	4	105-06-1060-16-0622		1B	4B
4	110-18-GXL-VZ22	WIRE004	18	BL	275	5.200	5.200	X-001	5	105-06-1062-16-0622		X-002	5	105-06-1060-16-0622		1B	4B
5	110-18-GXL18-09S	WIRE005	18	BK WH	275	5.200	5.200	X-001	6	105-06-1062-16-0622		X-002	6	105-06-1060-16-0622		1B	4B



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MODIFIED BY Dirk Ricker	MODIFIED DATE 2023-08-17	SHEET 1 OF 1	SIZE B	