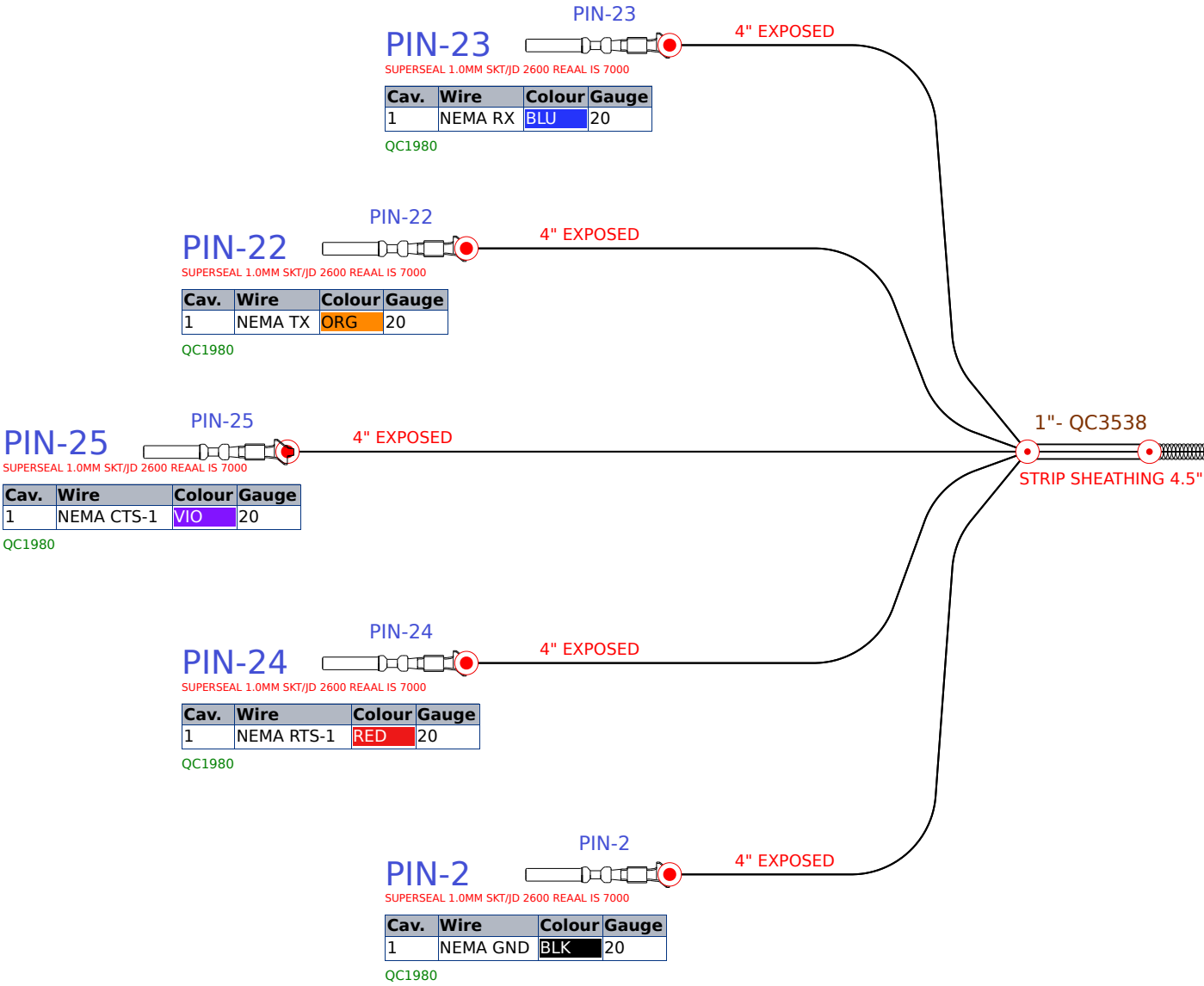


ALL - BILL OF MATERIALS

S.No	Quantity	Length (")	Part No.	Part Type	Description	Supplier Name	Supplier Part No.	Location	Part Type
1	1		QCSP64535	Connector	PLUG_9WY_D-SUB CONN_USLD_FEM TERMS	AMPHENOL	AS-CBDB9F3000B	F4(1)	
1.01	1		QC3538	Harness node attach part	3/8 Dual Wall Heat Shrink	Heat Shrink Direct	CB-DWT(3X)-3/8-BK-STK	F4(1)	Tube
1.02	8		BUILT-IN	Terminal		Manual	BUILT-IN	F4(8)	
2	1		QC1980	Terminal	FEM TERM_SUPERSEAL 1.0mm_0.5mm2	TE	3-1447221-4	C6(1)	
3	1		QC1980	Terminal	FEM TERM_SUPERSEAL 1.0mm_0.5mm2	TE	3-1447221-4	B3(1)	
4	1		QC1980	Terminal	FEM TERM_SUPERSEAL 1.0mm_0.5mm2	TE	3-1447221-4	C3(1)	
5	1		QC1980	Terminal	FEM TERM_SUPERSEAL 1.0mm_0.5mm2	TE	3-1447221-4	B5(1)	
6	1		QC1980	Terminal	FEM TERM_SUPERSEAL 1.0mm_0.5mm2	TE	3-1447221-4	B4(1)	
7		1	QC3538	Harness node attach part		Heat Shrink Direct	CB-DWT(3X)-3/8-BK-STK	D4(1)	Tube
8		72	SP64535	Multicore	DB9 PRE-TERMINATED CABLE	AG Express	SP64535		
9		8	TXL20VIO	Wire	20 GA VIOLET TXL	WAYTEK	WM20-7		Wire
10		4	TXL20RED	Wire	20 GA RED TXL	WAYTEK	WM20-2		Wire
11	1			Harnesslabel	harnesslabel	Manual		F4(1)	

ALL - WIRE TABLE

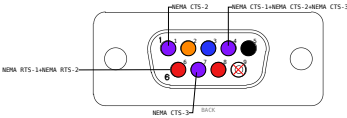
S.No	Wire	Part Number	Colour	Size	Mat.	Length (")	From Con.	From Cav.	From Term.	To Con.	To Cav.	To Term.	Outer Dia	Wire CSA	From Tag	To Tag
1	NEMA CTS-1	SP64535	VIO	20		72	PIN-25	1		DB9	4	BUILT-IN	2.00	0.50	PIN-25	DB9
2	NEMA CTS-2	TXL20VIO	VIO	20	TXL	4	DB9	1	BUILT-IN	DB9	4	BUILT-IN	1.90	0.50	DB9	DB9
3	NEMA CTS-3	TXL20VIO	VIO	20	TXL	4	DB9	7	BUILT-IN	DB9	4	BUILT-IN	1.90	0.50	DB9	DB9
4	NEMA GND	SP64535	BLK	20		72	PIN-2	1		DB9	5	BUILT-IN	2.00	0.50	PIN-2	DB9
5	NEMA RTS-1	SP64535	RED	20		72	PIN-24	1		DB9	6	BUILT-IN	2.00	0.50	PIN-24	DB9
6	NEMA RTS-2	TXL20RED	RED	20	TXL	4	DB9	8	BUILT-IN	DB9	6	BUILT-IN	1.90	0.50	DB9	DB9
7	NEMA RX	SP64535	BLU	20		72	PIN-23	1		DB9	3	BUILT-IN	2.00	0.50	PIN-23	DB9
8	NEMA TX	SP64535	ORG	20		72	PIN-22	1		DB9	2	BUILT-IN	2.00	0.50	PIN-22	DB9



DB9						
DB9F TO CUT END 20 AWG BLK 6FT						
Cav.	Wire	Colour	Gauge	Term.	PN	
1	NEMA CTS-2	VIO	20	BUILT-IN		
2	NEMA TX	ORG	20	BUILT-IN		
3	NEMA RX	BLU	20	BUILT-IN		
4	NEMA CTS-1	VIO	20	BUILT-IN		
	NEMA CTS-2	VIO	20	BUILT-IN		
	NEMA CTS-3	VIO	20	BUILT-IN		
5	NEMA GND	BLK	20	BUILT-IN		
6	NEMA RTS-1	RED	20	BUILT-IN		
	NEMA RTS-2	RED	20	BUILT-IN		
7	NEMA CTS-3	VIO	20	BUILT-IN		
8	NEMA RTS-2	RED	20	BUILT-IN		

QCSP64535
1x QC3538 - 3/8 Dual Wall Heat Shrink
1x CONNECTORLABEL1 - connectorlabel

NOTE: QCSP64535 IS PRE-TERMINATED



NOTE: BAG INDIVIDUALLY W/INSTRUCTION SHEET

JD GS2/3 SERIAL NMEA ADAPTER	SHEET 1/1	APPROVED BY	NAME	DATE
		DRAWN BY	JE	2022-11-04
AG EXPRESS ELECTRONICS DES MOINES, IA 50313	SIZE B	CHECKED BY	MF	2023-08-14
		ENG. APPROVAL		
AE3168	REV A	MFG. APPROVAL	TF	2023-08-22
		BILL OF MATERIALS	WH30	2022-11-04