

DRAWING NOT TO SCALE
DIMENSIONS ARE METRIC
CRITICAL DIMENSIONS ARE CIRCLED
IMPERIAL DIMENSIONS ARE IN PARENTHESES
TOLERANCES (UNLESS OTHERWISE SPECIFIED):

ANGULAR: +/- 0.5 deg.
X.X <0.5 mm.>
X.XX <0.25 mm.>
X.XXX <0.13 mm.>

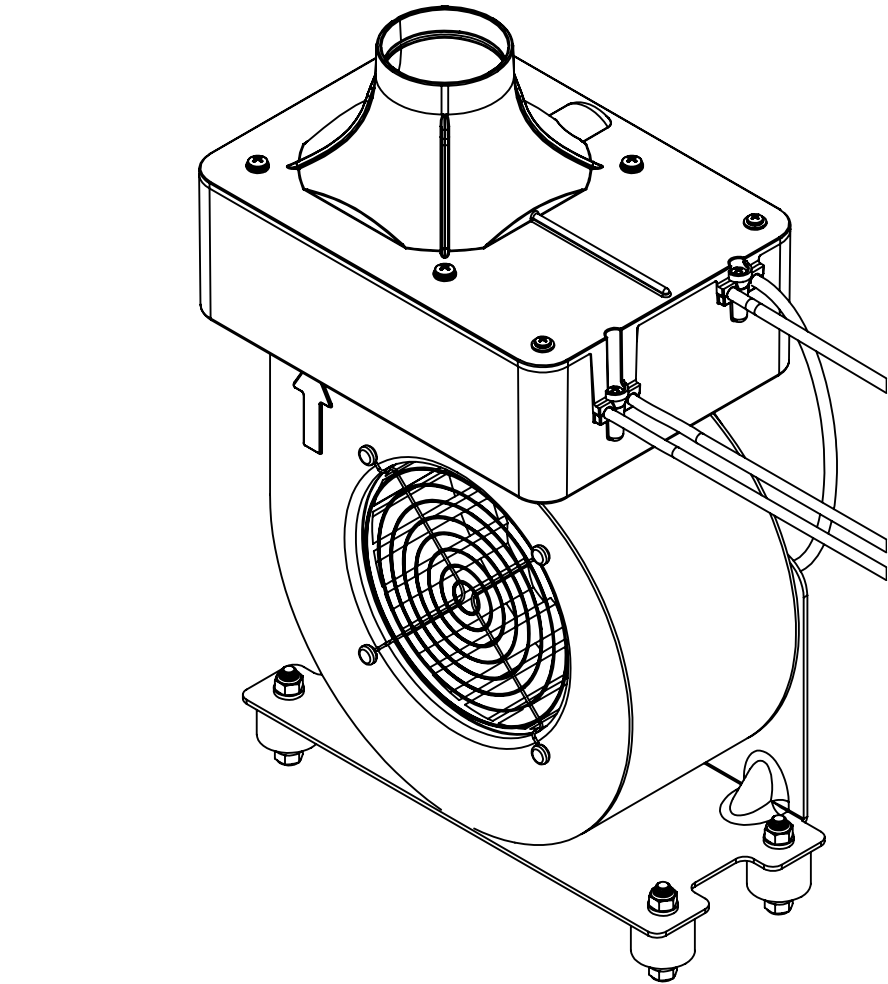
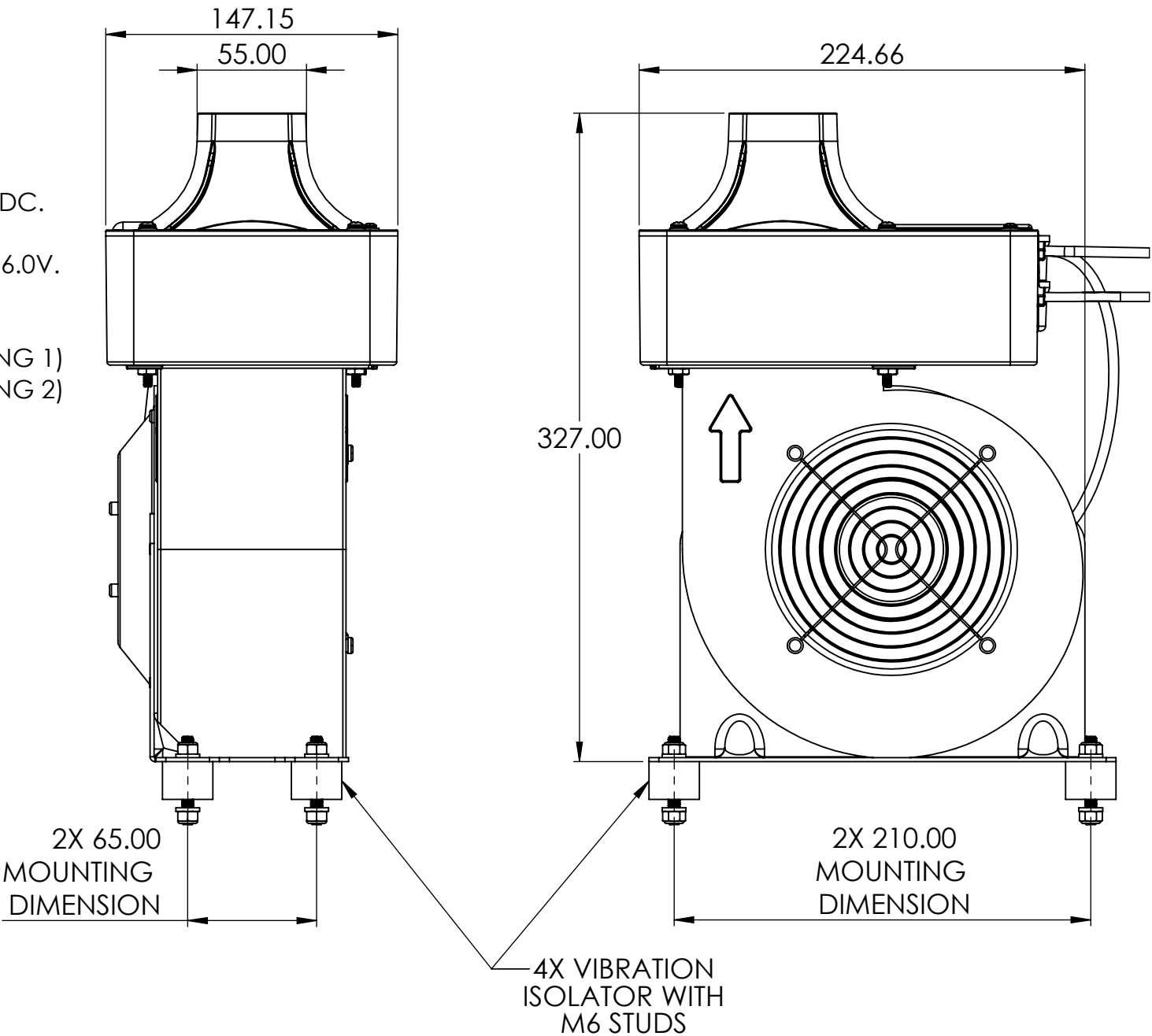
SPECIFICATION:

- 1. NOMINAL VOLTAGE: 12.0V DC.
- 2. VOLTAGE RANGE 9.0V TO 16.0V.
- 3. CURRENT DRAW:
 - 37.5A @ 12V DC (SETTING 1)
 - 39.5A @ 12V DC (SETTING 2)

ALTERNATE CONNECTORS:

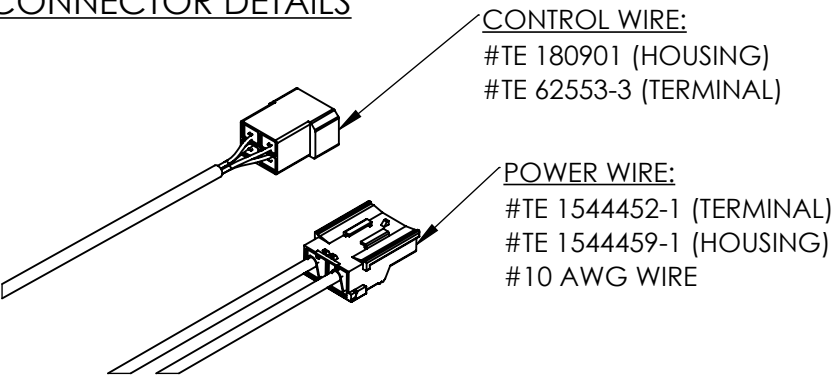
PHEONIX CONTACT
PART #1969373 & #1967375
cULus RECOGNIZED (E60425)

MOLEX
PART #0391002502



ISO VIEW

CONNECTOR DETAILS



CONTROL WIRE:
#TE 180901 (HOUSING)
#TE 62553-3 (TERMINAL)

POWER WIRE:
#TE 1544452-1 (TERMINAL)
#TE 1544459-1 (HOUSING)
#10 AWG WIRE

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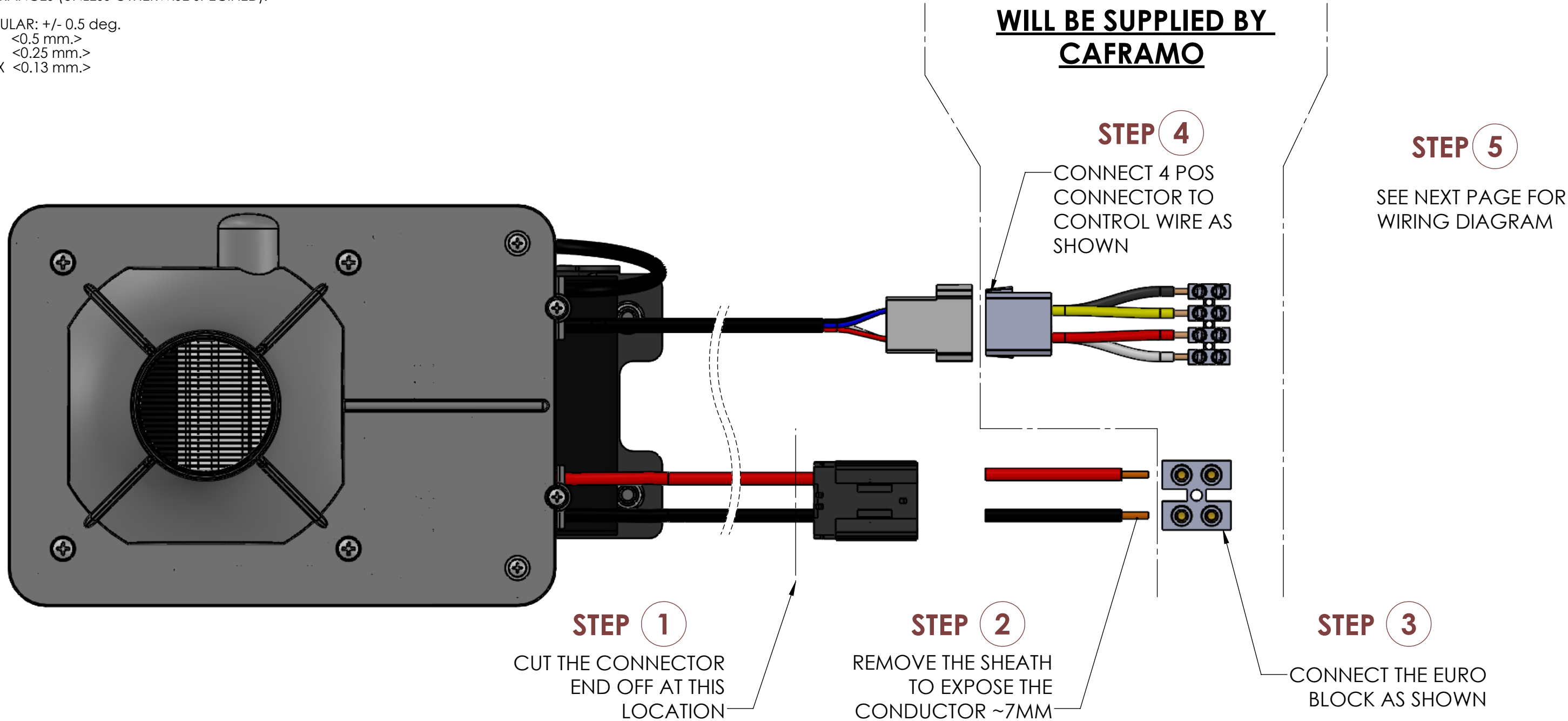
REV.	DESCRIPTION	DATE	APPROVED
A	SALES & MARKETING	2019-11-11	DS

DRAWN BY:	RKK	2019-11-11
REQUESTED BY:	RKK	2019-11-11
AGENCY:	CE	
WEIGHT:	6.5 Kg	
MATERIAL:	SEE PART DRAWINGS	
FINISH:	N/A	

Cafra MARINE DEFOGGER, 12V DC
DWG. DESCRIPTION:
DWG#:
9601OEMBBX
PAGE 1 of 1

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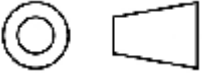

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REV.	DESCRIPTION	DATE	APPROVED

DRAWN BY:	RKK	2020-03-11
REQUESTED BY:	RKK	2020-03-11
AGENCY:	CE	MATERIAL: SEE PART DRAWINGS
WEIGHT:	6.5 Kg	FINISH: N/A



DWG. DESCRIPTION:
MARINE DEFOGGER, 12V DC

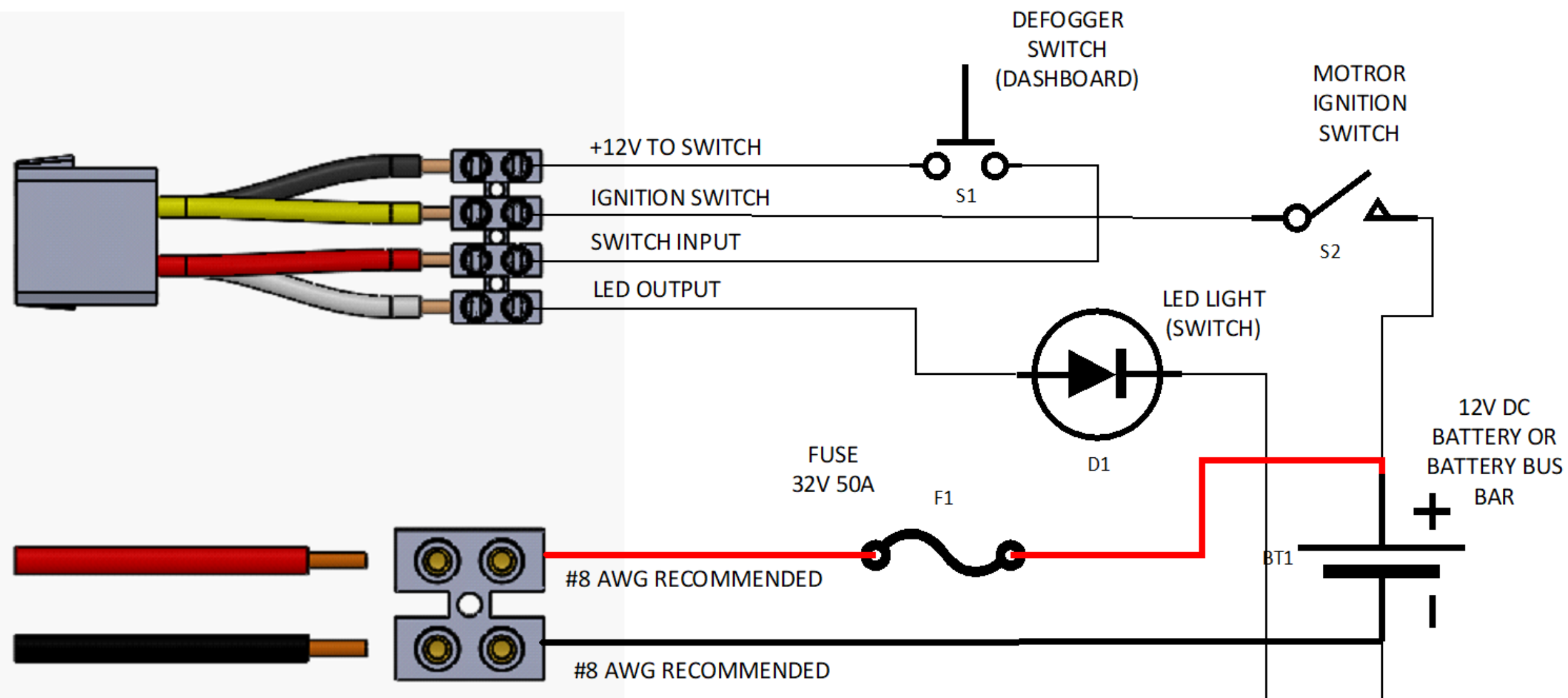
DWG#:
9601OEMBBX


PAGE
1 of 2

ANGULAR: +/- 0.5 deg.
X.X <0.5 mm.>
X.XX <0.25 mm.>
X.XXX <0.13 mm.>

NOTE:

1. POLARITY CONNECTION: RED LEAD POSITIVE (+VE), BLACK LEAD NEGATIVE (-VE)
2. RED LEAD TO BE CONNECTED TO FUSED CIRCUIT FOR OVERCURRENT PROTECTION.
3. RECOMMENDED FUSE RATING: 50A, 32V D.
4. RECOMMENDED WIRE SIZE: #8 AWG (MINIMUM)



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					REQUESTED BY:	RKK	2020-03-11		
					AGENCY:	CE	MATERIAL: SEE PART DRAWINGS	DWG. DESCRIPTION: MARINE DEFOGGER, 12V DC	
					WEIGHT:	6.5 Kg	FINISH: N/A	DWG#: 9601OEMBBX	PAGE 1 of 2