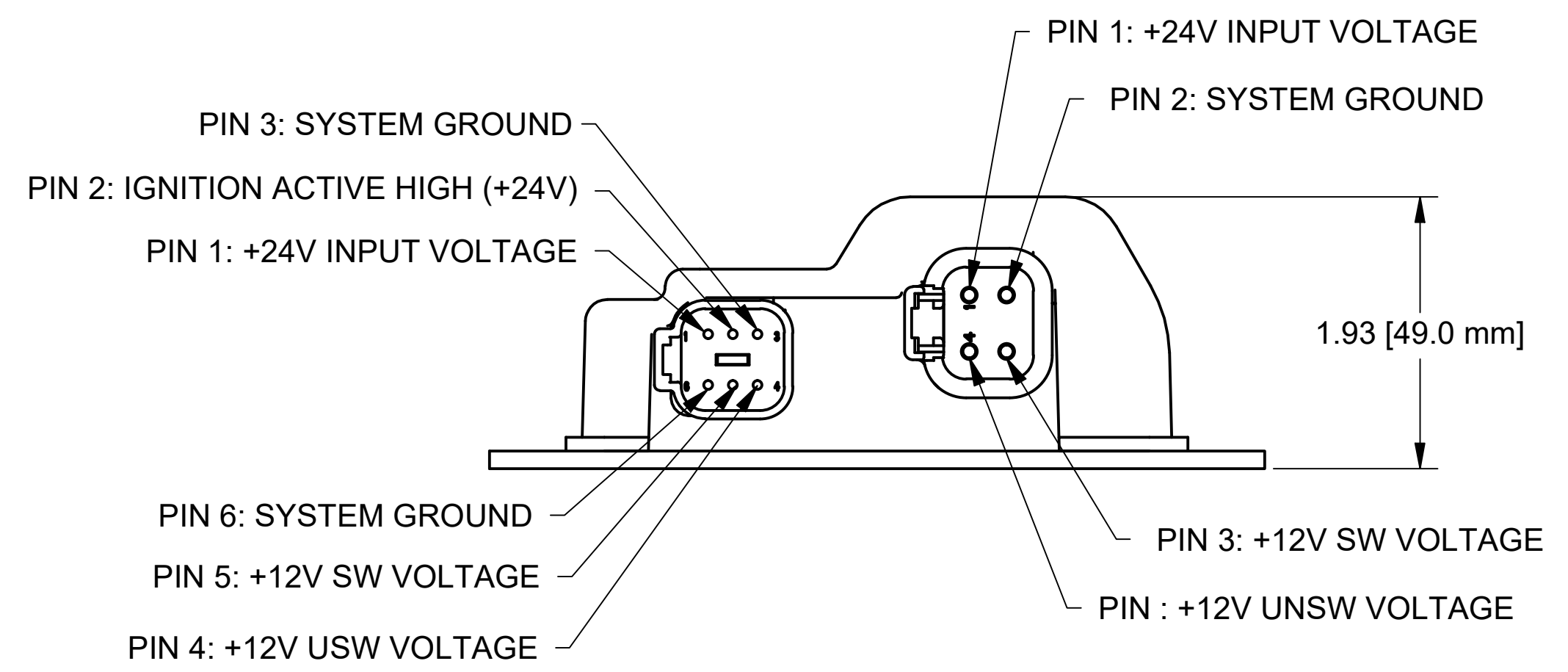
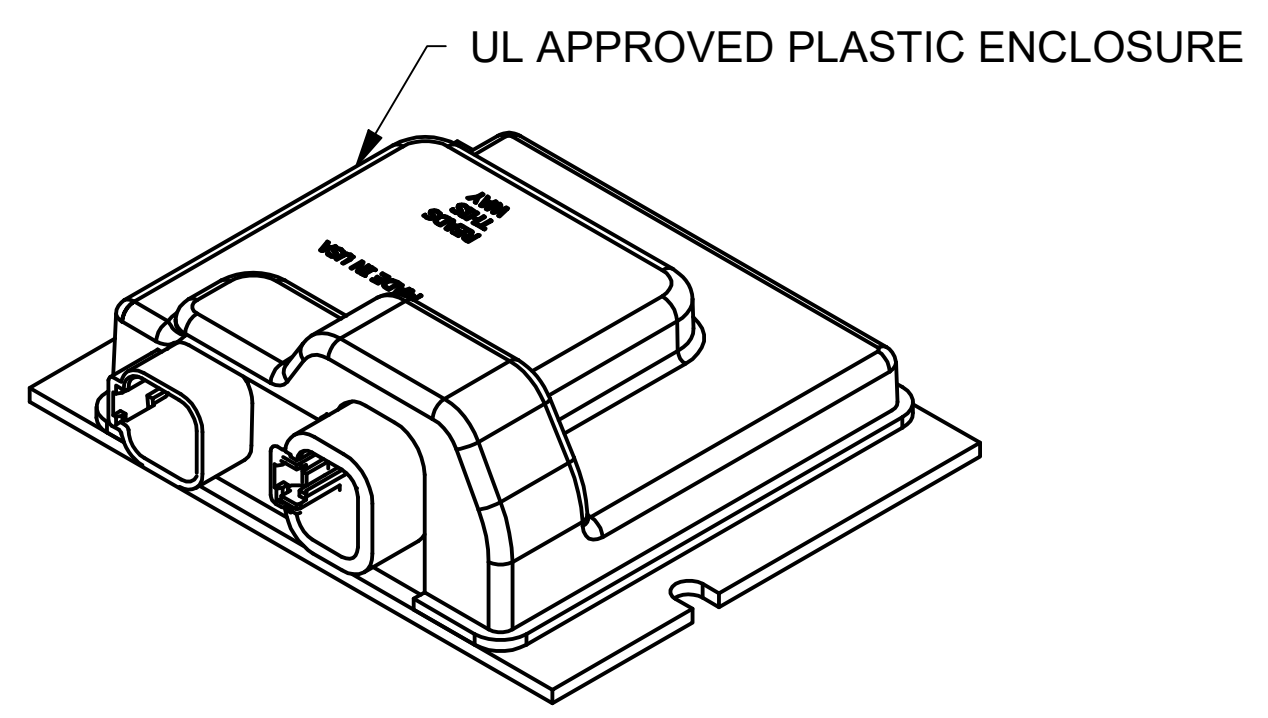
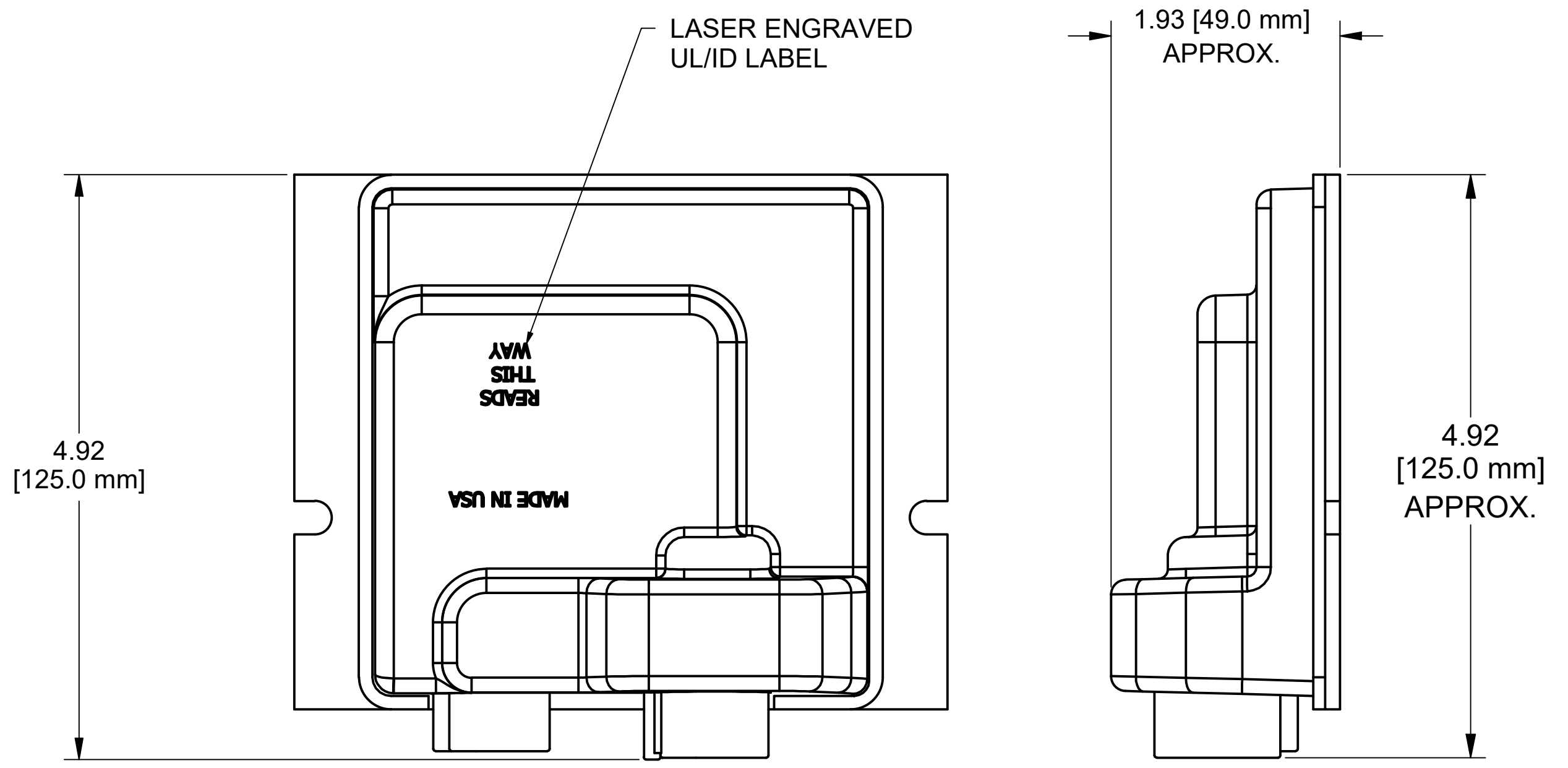


REV	REVISION DESCRIPTION	APPROVED	DATE
1	ADDED NOTE 9	TDT	12/3/2020


NOTES:

- INPUT:**
I/P VOLTAGE: 19 - 32 Vdc
I/P CURRENT: 20Adc MAX
- OUTPUT:**
O/P VOLTAGE: 13.6 ± 5% Vdc
EFFICIENCY: >95% @ 20A
O/P AMPS: 30Adc MIN, 32 Adc TYPICAL.
- CONTROL:**
IGNITION KEY TURN ON: B+ (BATTERY POSITIVE)
- THERMAL PROTECTION:**
THERMAL SWITCH: 105° C, INTERNAL THERMISTOR, SELF RECOVERY
- ENVIRONMENTAL:**
OPERATING TEMPERATURE: -40°C TO +60°C, UNRESTRICTED AIRFLOW
STORAGE TEMPERATURE: -40°C TO +105°C AMBIENT
- MECHANICAL:**
WEIGHT: (LBS/KG): 1.362 LB = .618 KG
VIBRATION: MEETS SAE 1211, ASTM-D-4728 TRUCK SPECTRUM
SHOCK: MEETS SAE 1211, ASTM-D-4728 TRUCK SPECTRUM
- SAFETY: NONE**
FULLY ISOLATED OUTPUTS/INPUTS FROM CHASSIS
UL MARKING: NONE
- EMI: GENERAL PURPOSE EMI FILTERING I/P & O/P**
- PACKAGING:**
PACKED INTO AN INDIVIDUAL CARTON (DPI P/N: PKGC0127). THEN PLACED INTO A MASTER CARTON (DPI P/N: PKGC0046).



- NOTES:**
- MATERIAL: DUPONT RYNITE FR530, COLOR: BLACK.**
 - FINISHED PART TO BE FREE OF ALL BURRS, GREASE AND DIRT.**

PROPRIETARY AND CONFIDENTIAL
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TOLERANCES (UNLESS NOTED): (INCHES [MILLIMETERS]): 3 PLACES: ± .005 [.13mm] 2 PLACES: ± .02 [.5mm] ANGULAR: ± 1/2°	SIGNATURES	DATE	TITLE
	DRAWN: KAO	8/25/2017	TRAILER DC/DC CONVERTER
	CHECKED: TAM	8/25/2017	DIVERSIFIED POWER INTERNATIONAL, LLC 414 CENTURY COURT PINEY FLATS, TN 37686 PHONE: 423-538-9002
	APPROVED: TDT	8/25/2017	 DIVERSIFIED POWER INTERNATIONAL, LLC SIZE DWG NO C 10-13B033T50-00
THIRD ANGLE PROJECTION	NEXT ASSY: N/A	USED ON: N/A	REV 1
CAD DRAWING: DO NOT SCALE	SHEET 1 OF 1		