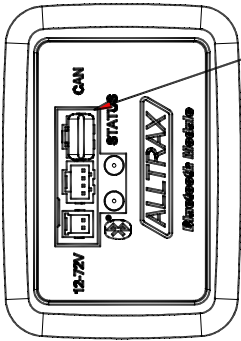
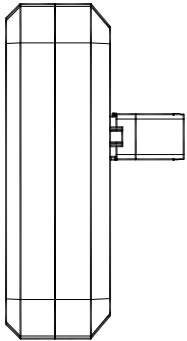


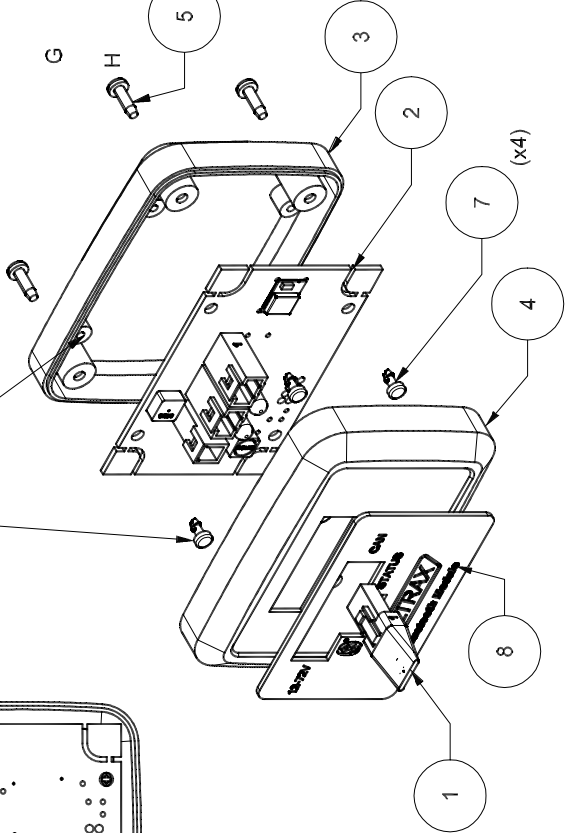
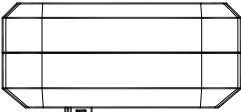
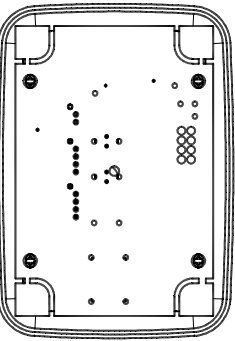
CAD FILE: DOC102-044-01_ASY-BLE-PLS200-002-40

MODEL: BLE-48 MODULE
OPERATORS MANUAL: DOC113-018
ASY DWG: DOC102-044-01
WIRE-DIA: DOC102-047-01
LASER BLE COVER: PLS200-002-40
LABEL: LBL105-002



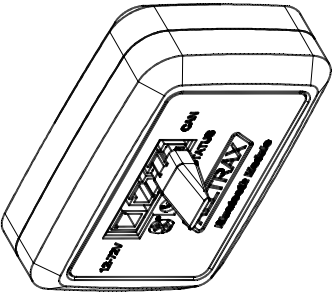
J2 CAN BUS SHIP WITH
ASY200-016 TERMINATOR

PUSH PIN ITEM #5 PCBA TO BOTTOM COVER
FILL EPOXY JUST UNTIL IT COVERS PCBA
BARELY OVER BLUETOOTH ANTENNA

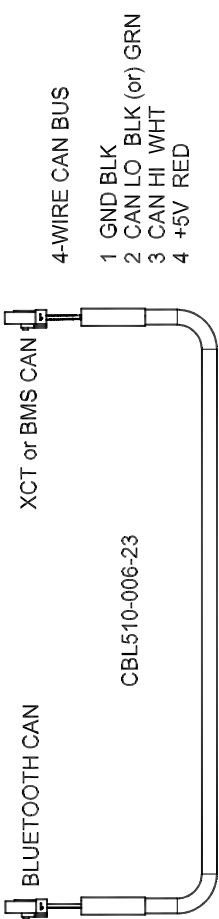
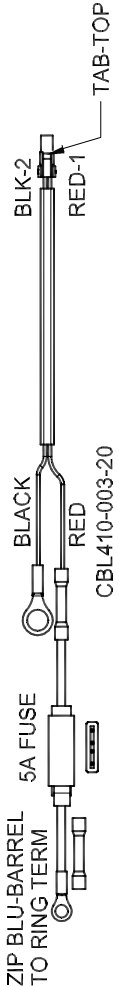


(x4)

Note: Item 1 screw supplied
with box PLS200-002



CBL410-003-20, TWO-WIRE JST PWR INPUT (NOT USED WITH BMS)
NEGATIVE WIRE: XCT - BLK WIRE GND (B-) 5/16" RING
POSITIVE WIRE: XCT - RED WIRE KSI +60V FUSED #10 RING



> CAN & PWR CABLE PLUG INTO TOP OF MODULE

> CAN CABLE CBL510-008-XX PLUGS INTO CAN CONNECTORS:

- PIN 1 GND BLK
- PIN 2 CAN LO BLK (or) GREEN
- PIN 3 CAN HI WHT
- PIN 4 +5V RED

> PWR CABLE CBL511-XXX-XX PLUGS INTO J3 JST 2 PIN:

- PIN 1 RED +12-72V FUSED
- PIN 2 BLK GND

Tolerances:
0.x = ± 0.1"
0.xx = ± 0.03"
0.xxx = ± 0.005"
Angular: ± 1°
Edge Breaks: 0.01" - 0.015"

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
P3		INITIAL DESIGN	4/17/2016	TT
A		INITIAL RELEASE	7/07/2016	TT
B		Chg wire color CBL510-008-20 see DWG and EC-112116 for CBL change	11/21/2016	TT
C		Cable CBL510-008-20 Rev C see DWG and BOM EC-040317	04/03/2017	TT
D		REMOVE LED BAR, BLE ONLY, ADD 2X T175 LED PWR SUP TO 90V MAX, CONN JST IN AND OUT WITH PASS THROUGH CAN BUS TO LED MODULE	10/11/2018	TT
E		90V PWR SUP, 805 TO 402 CAPS, EC-110818	11/08/2018	TT
F		OPEN PCB EDGE TAB BREAKOFF FOR BOTTOM COVER POST CLEARANCE, MOVED LED HOLE DOWN 0.120" TO 0.080" MORE MEAT BETWEEN CON & LED HOLE	1/07/2019	TT
G		ADD ATC FUSE HOLDER TO CBL410-033-20 EC-040919	4/09/2019	TT
H		CHG BMD-200 TO RN4871, ADD TEST POINT TO PCB EC-0725/2019	8/07/2019	TT

ALLTRAX INC

DWG ASY BLE-XCT-BMS PLS200-002 BOX BLUE TOOTH MODULE

SIZE	FSCM NO.	DWG NO.	REV	REV
B		DOC102-044-01	H	H
SCALE	1:1	SHEET	1 of 1	