

ZONE		REV.	DCN or ERV #	REVISIONS		DATE
-	A-			INITIAL PRODUCTION RELEASE		2018.07.05
-	B-		C03805	UPDATES TO PCBA		2019.09.30

GENERAL NOTES:

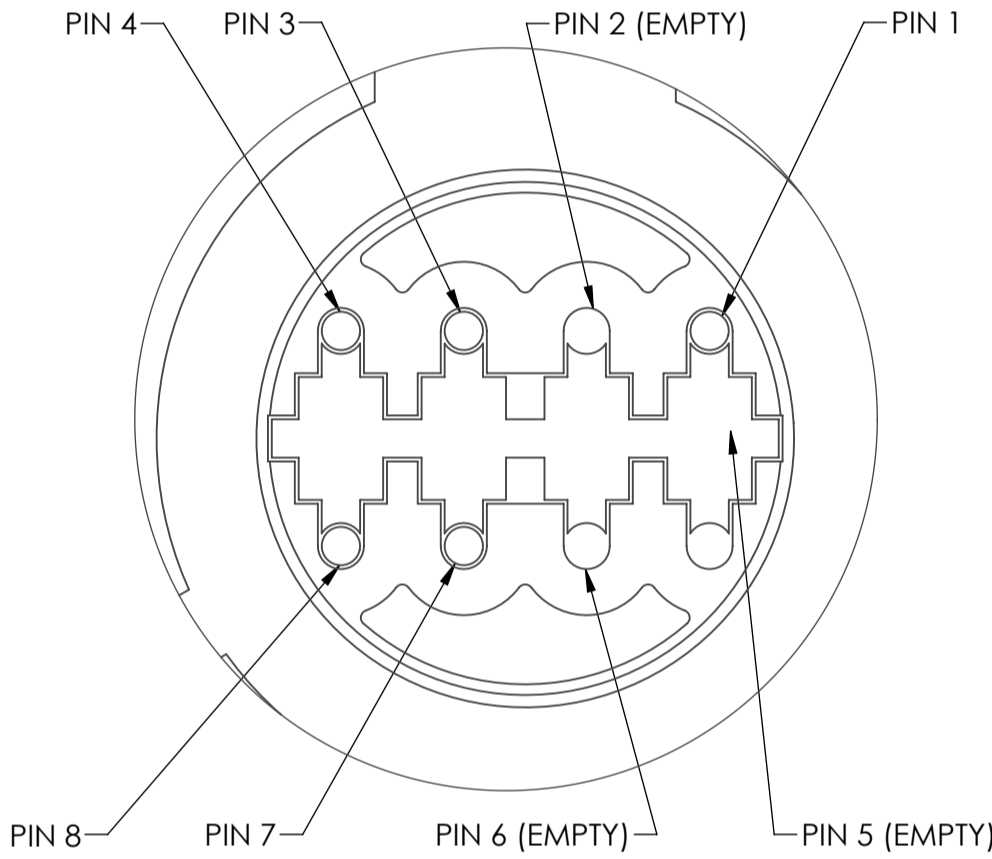
- THIS ASSEMBLY IS USED FOR MONITORING AND PROGRAMMING ECONTROLS ELECTRONIC CONTROL MODULES THRU THE USE OF ECONTROLS ECIPP SOFTWARE.
- ALL DIMENSIONS ON THIS DRAWING ARE FOR REFERENCE ONLY.

OPERATIONAL NOTES:

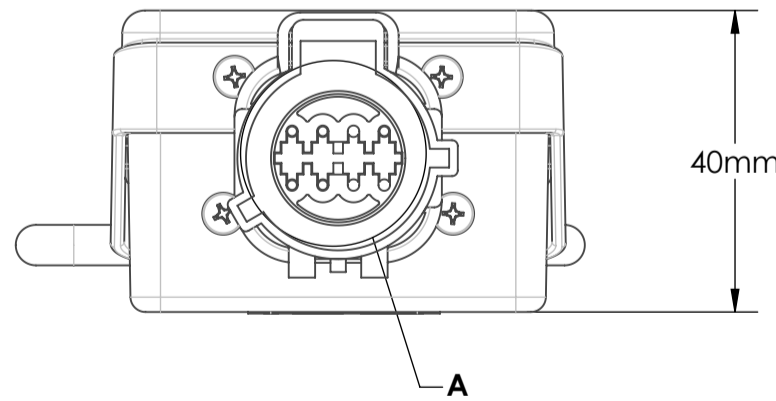
- USB SPECIFICATIONS:
 - USB TYPE: USB 2.0.
 - DEVICE COMPATIBILITY: USB 1.1, USB 2.0 (FULL SPEED & HI SPEED); BUS POWERED, 500mA CONSUMPTION MAX.
 - USB CABLE TYPE: TYPE A CONNECTION, 5M (16FT) MAX LENGTH.

ENVIRONMENTAL NOTES:

- OPERATING TEMPERATURE RANGE: -20°C TO 85°C.
- STORAGE TEMPERATURE RANGE: -40°C TO 85°C.
- HUMIDITY: 0-90%, NON-CONDENSING.



DETAIL A
SCALE 4 : 1



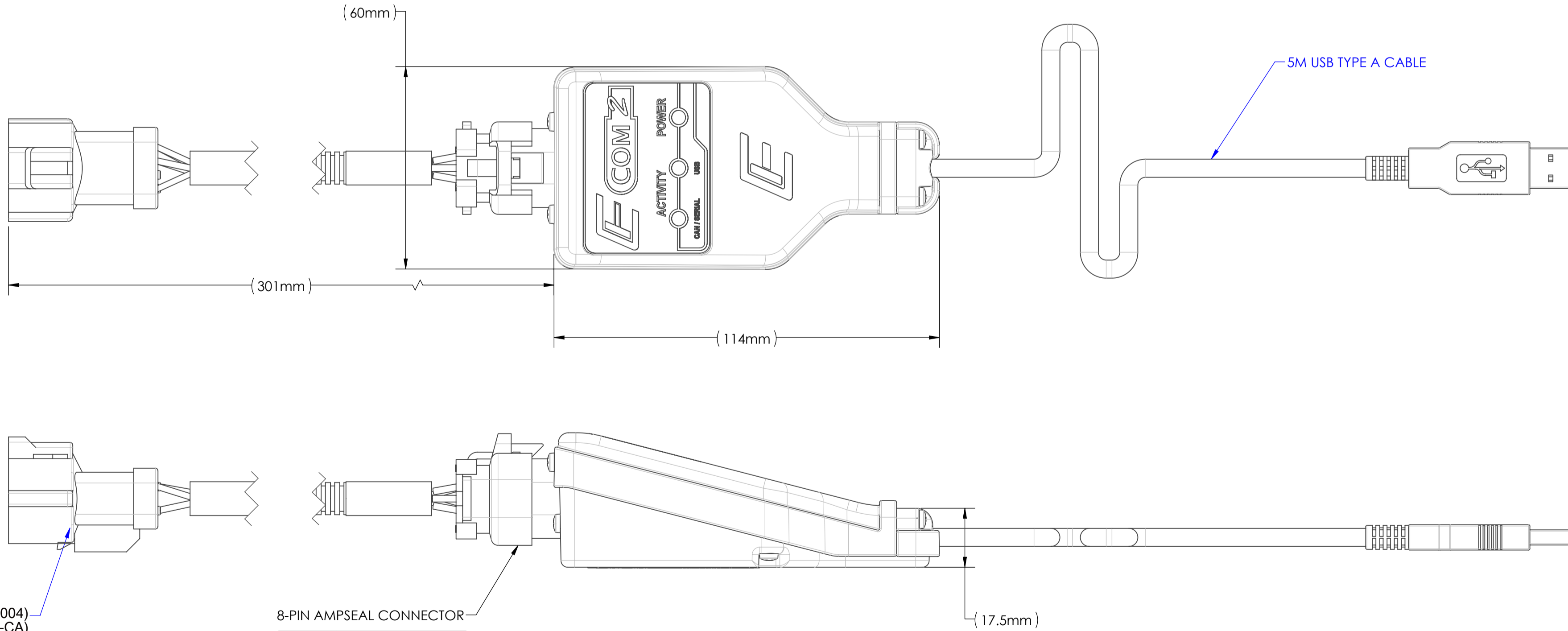
EPC 8-PIN CONNECTOR (E-4523-004)
WITH EPC SECONDARY LOCK (E6DB-14A468-CA)
(SEE DETAIL A FOR PIN-OUTS)

8-PIN CONNECTOR PIN-OUT	
PIN 1	AGND TARGET
PIN 2	(NOT USED)
PIN 3	Tx232 TARGET
PIN 4	Rx232 TARGET
PIN 5	(NOT USED)
PIN 6	(NOT USED)
PIN 7	CAN HIGH
PIN 8	CAN LOW

8-PIN AMPSEAL CONNECTOR

AMP CONNECTOR PIN-OUT	
PIN 1	(NOT USED)
PIN 2	CAN LOW
PIN 3	CAN HIGH
PIN 4	(NOT USED)
PIN 5	Rx232 TARGET
PIN 6	Tx232 TARGET
PIN 7	(NOT USED)
PIN 8	AGND TARGET

HARNESS P/N: E2087002



SPECIAL CHARACTERISTICS AND SYMBOLS (SEE INNOVATION CONTROLS QUALITY MANUAL FOR MORE INFORMATION)	
◇	KEY PRODUCT CHARACTERISTIC (KPC)
□	SIGNIFICANT CHARACTERISTIC (SC)
⊗	SAFETY/COMPLIANCE CHARACTERISTIC (SCC)

CE CODE 00		THIS DOCUMENT IS APPROVED FOR CUSTOMER DISTRIBUTION. DO NOT DISTRIBUTE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION FROM ECONTROLS.	
UNLESS OTHERWISE SPECIFIED PRODUCE PART FROM CAD MODEL E2046012. ALL NON-TOLERANCED DIMENSIONS ARE BASIC TO THE CAD MODEL. REFER TO THE DRAWING FOR ASSOCIATED TOLERANCES, DATUMS AND FEATURE CONTROLS.		DO NOT SCALE DRAWING. DIMENSIONING AND TOLERANCING PER ASME Y14.5 - 2009 APPLY.	METRIC
APPROVALS		DATE (YYYY-MM-DD)	DESCRIPTION
DESIGNED BY: T. BRANYON		2018.07.05	TLA, KIT, ECOM2, GREEN CUSTOMER DRAWING
REVIEWED BY: B. PEARSON		2018.08.22	
REVISION 1 SEE PLM		-	E2046012
APPROVED 2 SEE PLM		-	E2046012
PART NUMBER		E2046012	E2046012_00
SCALE		1:1 AND NOTED	SHEET 1 OF 1
			REVISION B-