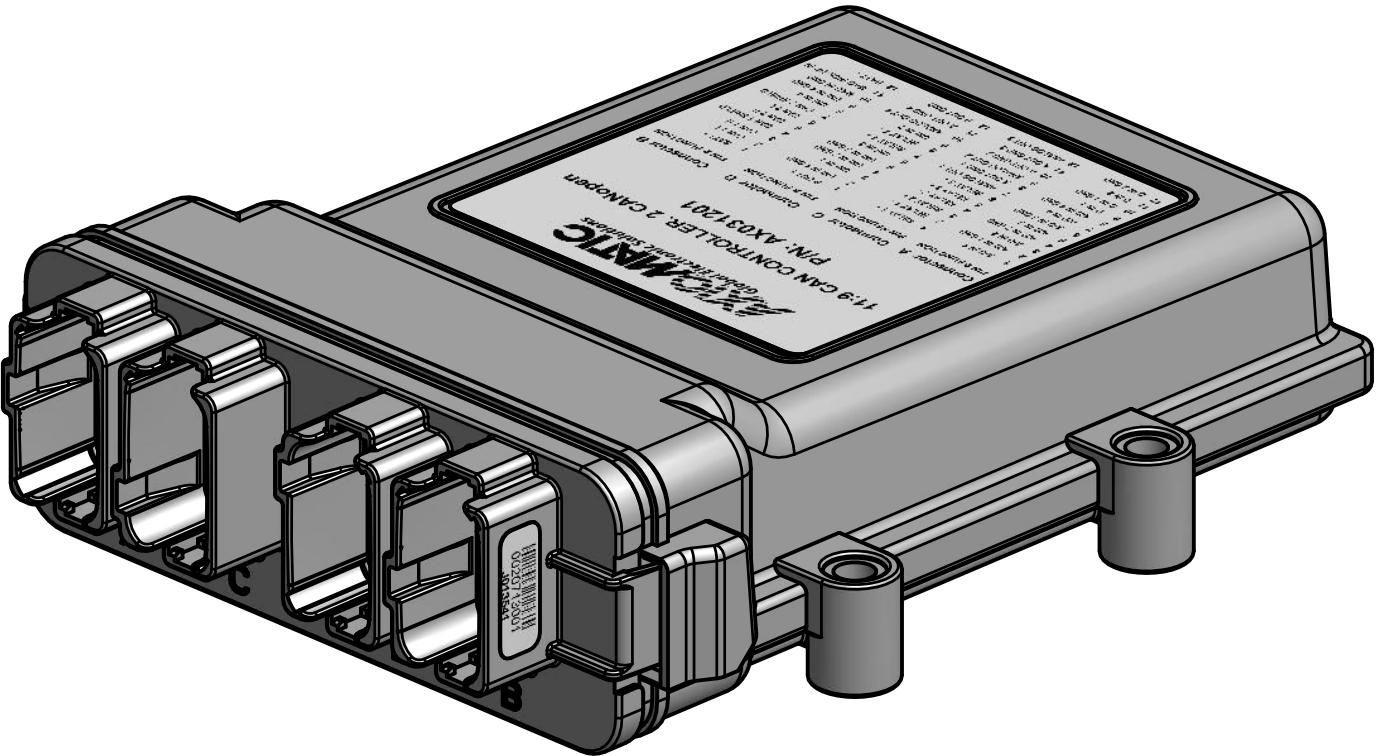
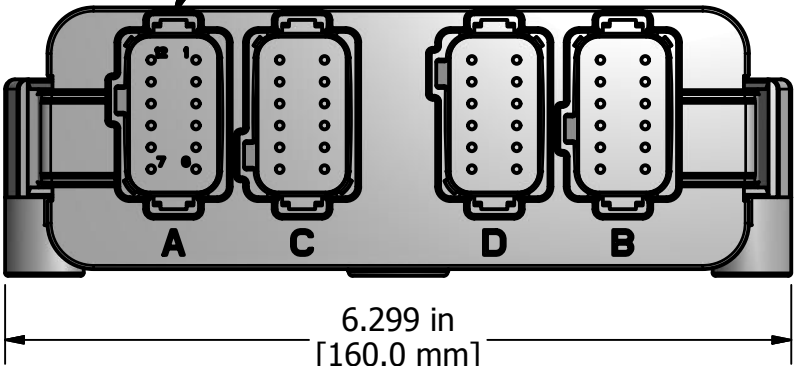


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
R1-D2	updated pin assignments on label	July 3-2014	LD
A-D1	release to production ECN15-0003	May 4-2015	TM



Deutsch IPD **DT13-48PABCD-R015**  
mates with Deutsch IPD **DT06-12S** plugs,  
all modifications, keyed A - B - C - D



11:9 CAN CONTROLLER, 2 CANopen P/N: AX031201			
Connector A PIN # FUNCTION	Connector C PIN # FUNCTION	Connector D PIN # FUNCTION	Connector B PIN # FUNCTION
1 A/D IN 1	1 RELAY 1 +	1 P OUT 1	1 BATT +
2 A/D IN 1 GND	2 RELAY 1 -	2 UNI IN 1 GND	2 CAN 1 L
3 A/D IN 2	3 RELAY 2 +	3 UNI IN 1	3 CAN 1 H
4 A/D IN 2 GND	4 RELAY 2 -	4 UNI IN 2 GND	4 CAN 1 SHIELD
5 A/D IN 3	5 RELAY 3 +	5 UNI IN 3 GND	5 CAN 2 H
6 A/D IN 3 GND	6 RELAY 3 -	6 UNI IN 3	6 CAN 2 L
7 A/D IN 4	7 ANALOG OUT 1	7 RELAY 4 +	7 CAN 2 SHIELD
8 A/D IN 4 GND	8 A OUT GND 1	8 RELAY 4 -	8 UNI IN 4
9 D IN 1	9 ANALOG OUT 2	9 UNI IN 2	9 UNI IN 4 GND
10 D IN 1 GND	10 A OUT GND 2	10 ANALOG OUT 4	10 MAG IN GND
11 D IN 2	11 A OUT GND 3	11 A OUT GND 4	11 MAG PICK-UP IN
12 D IN 2 GND	12 ANALOG OUT 3	12 P OUT GND	12 BATT -

label detail

TOLERANCES		MATERIAL		DRAWN	DATE	TITLE		
fabrication	X.XXX +/- 0.015	machining	X.XXX +/- 0.001	TF	17/05/2013	11:9 CANopen Controller		
X.XX +/- 0.031	X.XX +/- 0.005	nylon 6/6 30% glass fill housing with a silicone gasket		CHECKED	DATE	DWG REV	DWG NO	PART REV
X.X +/- 0.031	X.X +/- 0.015			DL		D1	AX031201	A
fractional +/- 0.031	fractional +/- 0.031			APPROVED	DATE	SCALE	PART NO	SHEET
				DL		full	AX031201-MD	1 of 1

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