


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A-D1	released to production ECN15-0099	April 1-2016	HS

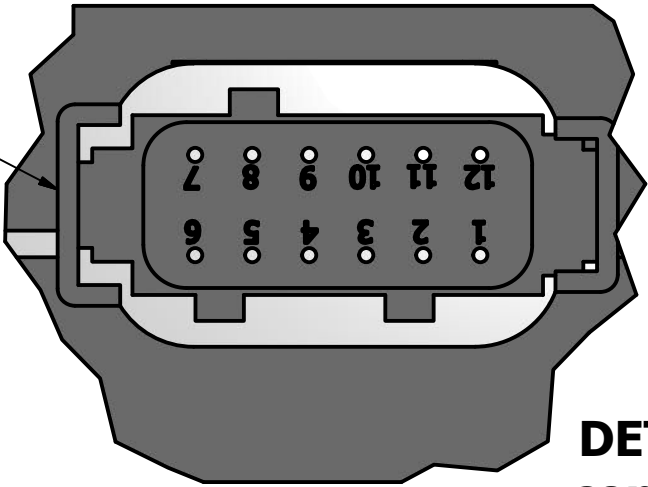


ISOLATED  
DUAL UNIVERSAL  
SIGNAL CONTROLLER  
with SAE J1939

**P/N: AX130510**

PIN#	FUNCTION
1	SIGNAL INPUT 1
2	INPUT GND
3	SIGNAL INPUT 2
4	CAN_H
5	CAN_L
6	POWER +
7	POWER -
8	+5V REF
9	SIGNAL OUTPUT 2+
10	OUTPUT 2 GND
11	OUTPUT 1 GND
12	SIGNAL OUTPUT 1+

Deutsch IPD DTM13-12PA  
mates with DTM06-12SA



**DETAIL A**  
**connector**  
**pin assignment**

TOLERANCES			
fabrication		machining	
X.XXX	+/- 0.015	X.XXX	+/- 0.005
X.XX	+/- 0.031	X.XX	+/- 0.010
X.X	+/- 0.031	X.X	+/- 0.015
fractional	+/- 0.031	fractional	+/- 0.031

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MATERIAL nylon 6/6 housing with silicone gasket		DRAWN TF	DATE 4/1/2016	TITLE Isolated, Dual Channel, Universal Signal Converter, SAE J1939			
FINISH		CHECKED AW	DATE 4/4/2016	DWG REV D1	DWG NO AX130510-MD	PART REV A	
		APPROVED AW	DATE	SCALE full	PART NO AX130510	SHEET 1 of 1	