



ISS	ECN	BY	CHK	DATE
A	—	—	—	—

**J1 DEUTSCH DT15-12PD (BROWN)**

PIN	DESCRIPTION
1	OUTPUT 1
2	GROUND
3	LOGIC POWER
4	INPUT 15
5	INPUT 7
6	INPUT 8
7	CAN SHIELD 2 / OUTPUT 14A
8	CAN HIGH 2
9	CAN LOW 2
10	CAN HIGH 1
11	CAN LOW 1
12	CAN SHIELD 1

**J2 DEUTSCH DT15-12PA (GREY)**

PIN	DESCRIPTION
1	INPUT 4
2	INPUT9
3	INPUT10
4	INPUT11
5	INPUT12
6	GROUND
7	OUTPUT 14 / OUTPUT 14B
8	OUTPUT 13
9	OUTPUT15B
10	OUTPUT 15A
11	SENSOR POWER OUT
12	OUTPUT 2

**J3 DEUTSCH DT15-12PC (GREEN)**

PIN	DESCRIPTION
1	OUTPUT 7
2	OUTPUT 5
3	INPUT 1
4	INPUT 21
5	OUTPUT 9
6	OUTPUT 3
7	INPUT 2
8	INPUT 13
9	INPUT 14
10	INPUT 5
11	INPUT 6
12	OUTPUT 11

**J4 DEUTSCH DT15-12PB (BLACK)**

PIN	DESCRIPTION
1	OUTPUT 12
2	GROUND
3	INPUT 17
4	INPUT 18
5	INPUT 19
6	INPUT 20
7	OUTPUT4
8	OUTPUT 10
9	INPUT 16
10	INPUT 3
11	OUTPUT 6
12	OUTPUT 8

**J5 DEUTSCH DTHD04-1-8P**

PIN	DESCRIPTION
1	BUSBAR 1

**J6 DEUTSCH DTHD04-1-8P**

PIN	DESCRIPTION
2	BUSBAR 2

- NOTES:**
- BASIC SPECIFICATIONS:**
    - RATED VOLTAGE:12V AND 24V DC
    - OPERATING TEMP.RANGE: -40°C TO +85°C
    - WATERPROOF AND DUSTPROOF
  - MATERIALS:**
    - ENCLOSURE COVER:BLACK UL 94 HB RATED THERMOPLASTIC
    - ENCLOSURE BASE:DIE CAST ALUMINUM
  - CONNECTORS:**
    - SIGNAL CONNECTORS MATE WITH: DEUTSCH DT06-12SA (GREY), DT06-12SB (BLACK), DT06-12SC (GREEN), AND DT06-12SD (BROWN) CONNECTORS ARE COLOUR CODED AND KEYED.
    - BUSBAR CONNECTOR'S MATE WITH: DEUTSCH DTHD-06-1-8-S
  - MOUNTING HARDWARE:**
    - M6 OR 1/4" MACHINE SCREWS WITH LOCKING AND FLATWASHERS UNDER SCREW HEADS. MAXIMUM INSTALLATION TORQUE 9.5 N-m (7.0 FT/LBS)
  - WIRE HARNESS:**
    - STRAIN RELIEF REQUIRED WITHIN 150mm (6") FROM CONNECTORS.
  - MOUNTING ORIENTATION:**
    - VERTICAL MOUNTING IS PREFERRED, AS SHOWN.

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REV	ECN	BY	CHK	DATE

TOLERANCES (UNLESS NOTED)  
 X.X = ±0.5  
 X.XX = ±0.30  
 = ±  
 ANGLES = ±1°

DSGN: R.MILLER	DATE: 2009-06-01
DWN: R.MILLER	DATE: 2009-06-01
CHK: D.BARTON	DATE: 2009-06-18
APVD: D.BARTON	DATE: 2009-06-18

THIRD ANGLE PROJECTION

**VANSCO** VANSCO ELECTRONICS LP  
WINNIPEG, CANADA

TITLE: CM2115 CONTROLLER  
PROCUREMENT SPECIFICATION

SAP: N/A	DWG NO: 935B21	REV: 00	ISS: A
UNITS: MM	SCALE: 1.0	SHEET SIZE: C	SHEET 1 OF 1

Pro/E FILE: 935B21.DRW Ver: 0+ Rel: Design