



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 KEYS.
    - 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.

This document is the property of Vansco Electronics LP and is loaned subject to the condition that it or any information contained herein will not be copied, or revealed to any unauthorized person, or used for manufacturing purposes without the express written permission of Vansco Electronics LP, and that all copies will be returned immediately on demand.

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

ProjE FILE: 935B21.DRW Ver: 0+ Rel: Design