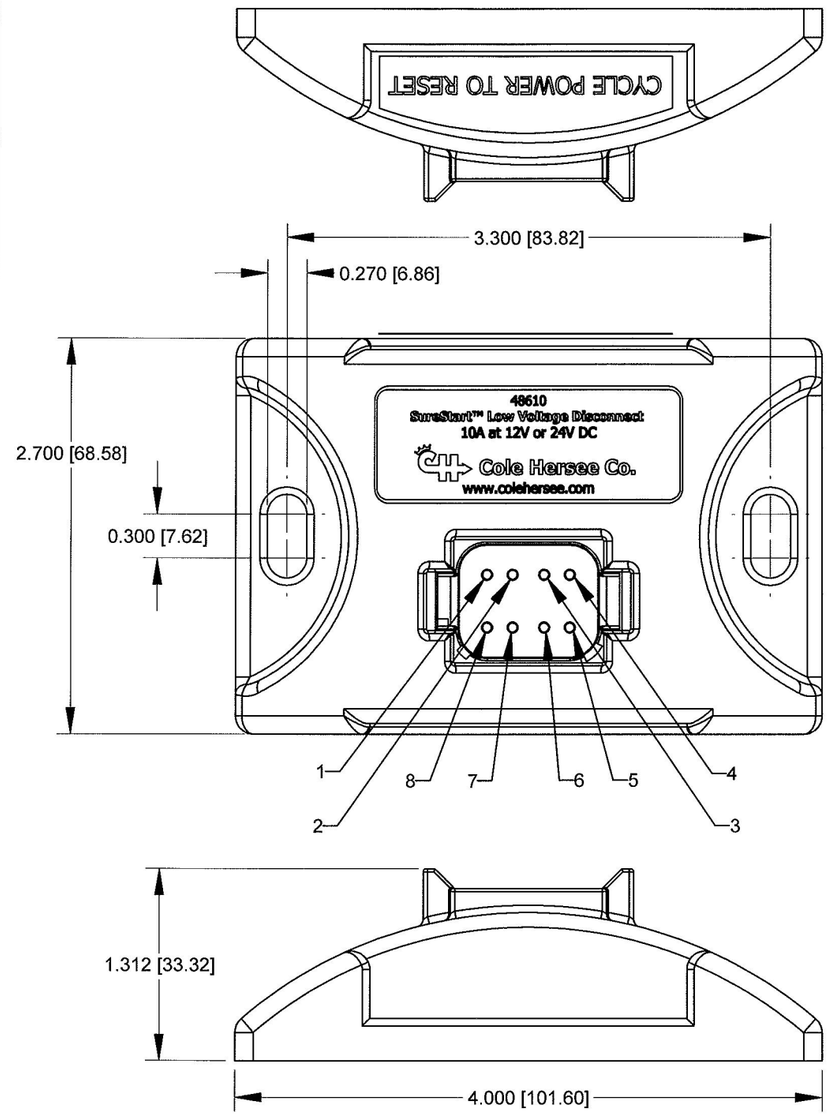
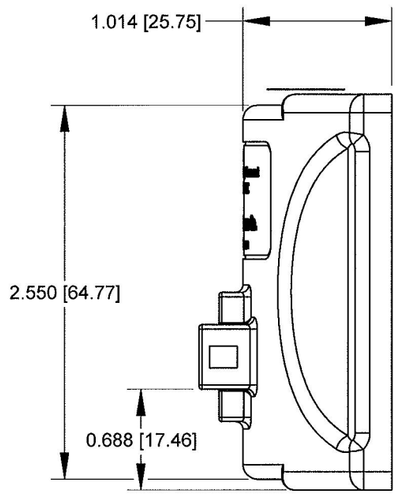



(C) (D)

NOTES:

1. ALL DIMENSIONS ARE REFERENCE ONLY
2. SPECIFICATIONS: (24V OPERATION IN PARENTHESIS)
   OPERATING VOLTAGE: 9-32VDC
   CURRENT RATING: 10A CONTINUOUS AT 85°C
   OPERATING TEMPERATURE: -40°C TO 85°C
   OVERCURRENT THRESHOLD: 12 - 17A
3. CONNECTOR PINOUT:
   PIN1: NOT USED
   PIN2: GROUND (BATTERY-)
   PIN3: LOAD+
   PIN4: BATTERY+
   PIN5: OVERRIDE
   PIN6: LED/ALARM
   PIN7: REDUNDANT GROUND (BATTERY-)
   PIN8: REDUNDANT GROUND (BATTERY-)
4. MATING CONNECTOR: DEUTSCH P/N DT06-08S
5. MATING PINS: DEUTSCH P/N 0462-201-16141
6. UNUSED PINS SHOULD BE SEALED WITH BLANKING PIN- DEUTSCH P/N: 114017
7. ONLY ONE GROUND (BATTERY -) CONNECTION IS REQUIRED FOR PROPER OPERATION. ALL OTHER GROUNDS ARE REDUNDANT
8. SEALED TO IP67 (PROVIDED BLANKING PINS USED)

**Revision Control Record**

| Rev. | Description of Change | ECN No. | Date |
|---|---|---|---|
| A | RELEASED DRAWING | 08163 | 03-14-08 |
| B | CHANGE DWG NUMBER | 08309 | 05/28/08 |
| C | CHANGED NOTES | 09060 | 01/19/09 |
| D | ADDED SHEET 2. UPDATED NOTE 2 | 09188 | 03/18/09 |
| E | CHANGE BOM | 10004 | 01/19/10 |
| F | ADD NEW PART | 10054 | 02/10/10 |
| G | ADDED VIEW & DIMS | 11112 | 4/20/11 |

**Tolerances** Unless otherwise specifically noted, the following are default tolerances;

| 2-places | 3-places | Angular |
|---|---|---|
| +/- 0.02" | +/- 0.005" | +/- 1° |

Metric: Shown in [ ] refers to equivalent English Dim Tol

"REF." or an Asterisk (*) = Non-Toleranced Reference Dimension, shown for clarification purposes only.

NOTE: *All tolerances are Non-Cumulative.*

**PROPRIETARY INFORMATION** This Engineering Drawing, and the information contained herein, is proprietary to Cole Hersee Company and may not be disclosed, re-produced, or in any other way transferred or communicated to any other party without the express written consent of an authorized representative of Cole Hersee Company.

**Special Characteristics:**

- (CC) Critical Characteristic, relating to Safety and/or Regulatory Compliance
- [X] Significant Characteristic relating to Process Control
- (KC) Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

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Description: **LVD,MINI,10A**

Drawing / Part No.: (B) **48610**

Current Rev. **G**

FORM CHT-6 (2/07) | Used On or Ref.: **EX28439A** | Scale: **1:1** | Drawn By: **CN** | Date Drawn: **03-13-08** | **Pg. 1 of 2**