



NOTES:

1. ALL DIMENSIONS ARE REFERENCE ONLY
2. SPECIFICATIONS:
 OPERATING VOLTAGE: 9-32VDC
 CURRENT RATING: COIL+ 10A AT 85°C
 STATUS 0.2A AT 85°C
 QUIESCENT CURRENT 2 mA MAX
 OPERATING TEMPERATURE: -40°C TO 85°C
 OVERCURRENT THRESHOLD: 12 - 17A (COIL+ ONLY)
3. CONNECTOR PINOUT:
 PIN1: AUX BATT+
 PIN2: GROUND (BATTERY-)
 PIN3: COIL+
 PIN4: BATTERY+
 PIN5: BOOST
 PIN6: STATUS
 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)

48740-01	12.7	13.2	25.4	26.4	8.5	34.0	120	60	1	12805
48740	12.7	13.2	25.4	26.4	8.5	34.0	120	60	1	NONE
PART NUMBER	12V System Disconnect Threshold	12V System Connect Threshold	24V System Disconnect Threshold	24V System Connect Threshold	System Under-Voltage Threshold	System Over-Voltage Threshold	Connect Time Delay (seconds)	Disconnect Time Delay (seconds)	Boost Timeout (minutes)	KIT

Revision Control Record				Rev.	Description of Change	ECN No.	Date
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A	RELEASED DRAWING	10367	11/2/10				

Tolerances Unless otherwise specifically noted, the following are default tolerances:
2-places +/- 0.02"
3-places +/- 0.005"
Angular +/- 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.

FORM CHT-6 (2/07) Used On or Ref.: 48540; EX28807

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:

- Critical Characteristic, relating to Safety and/or Regulatory Compliance
- Significant Characteristic relating to Process Control
- Control Dimension relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer

Scale: 1:1 Drawn BY: DPS Date Drawn: 11/2/10 Pg. 1 of 1

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Description:
SMART BATTERY ISO CTRL

Drawing / Part No.: **48740** Current Rev.: **A**