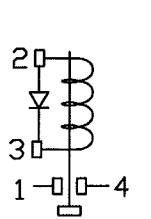
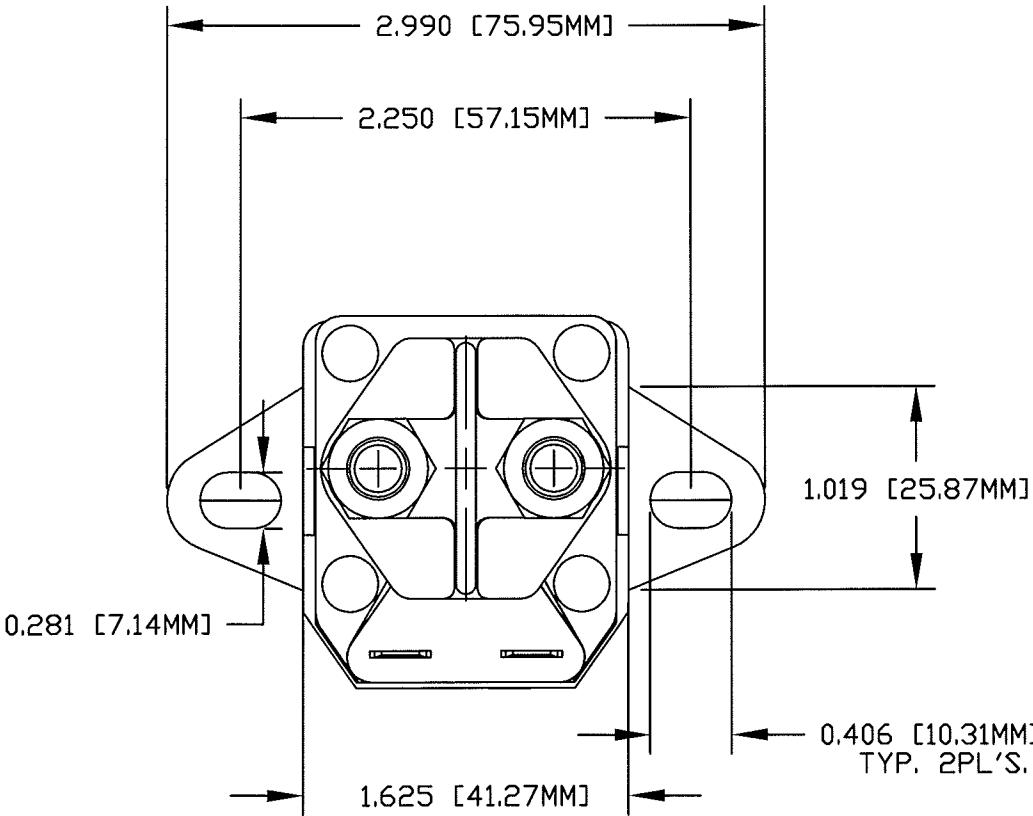
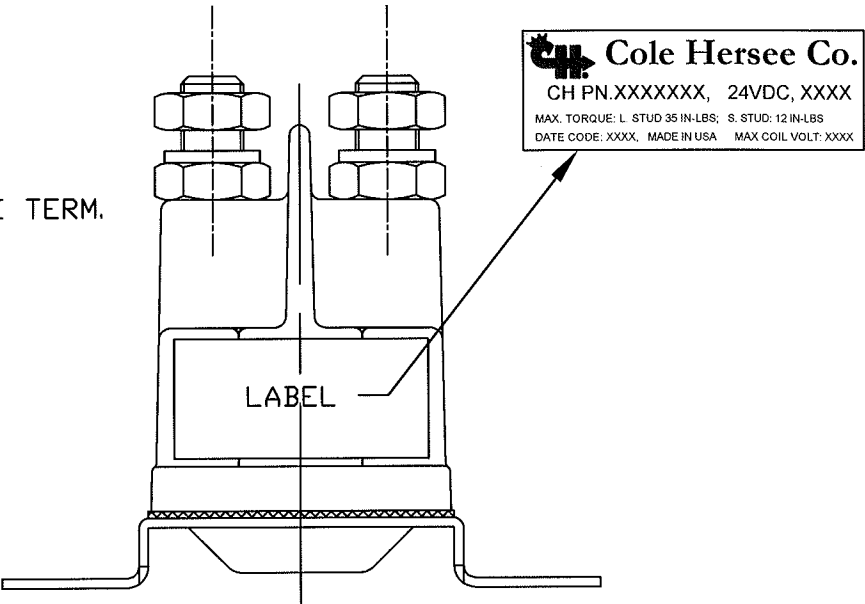
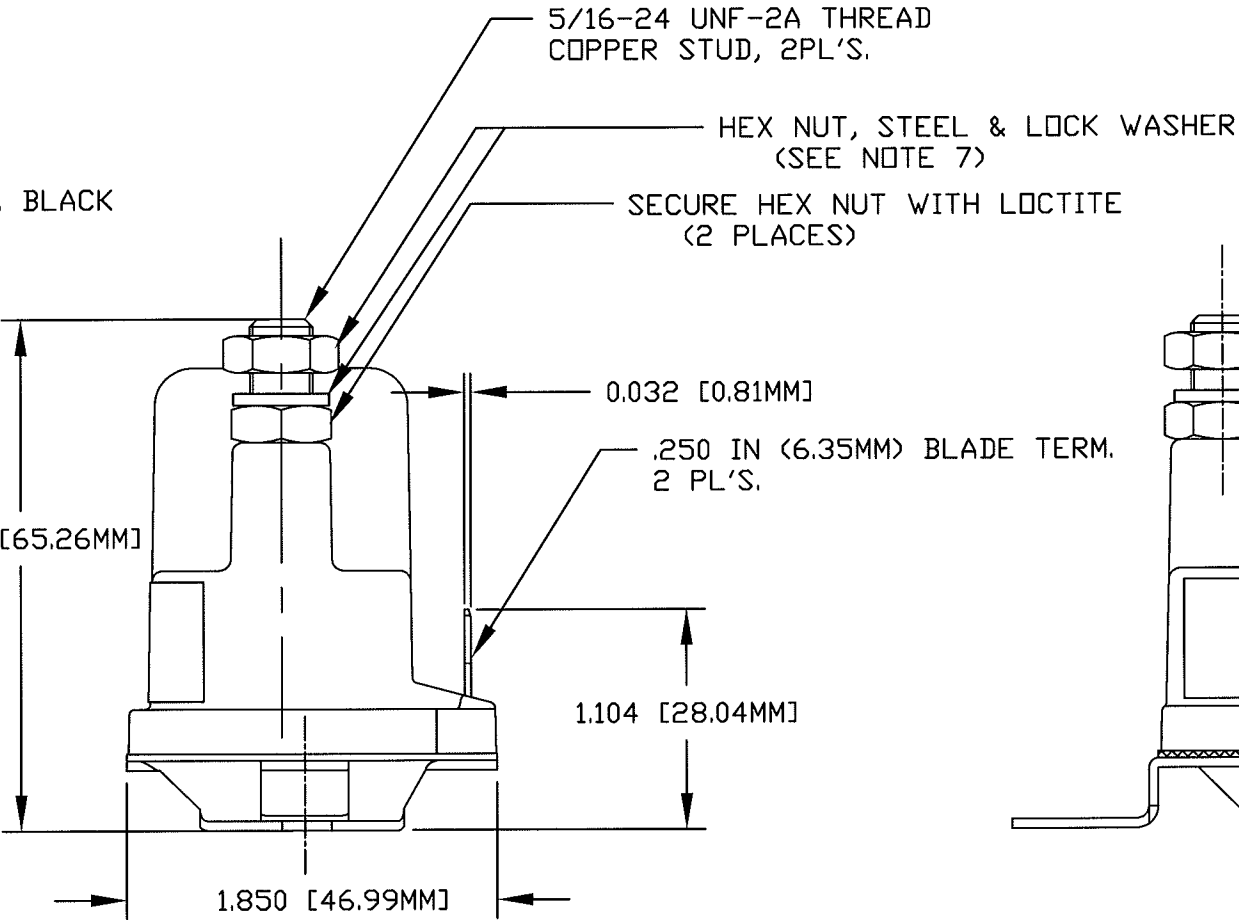
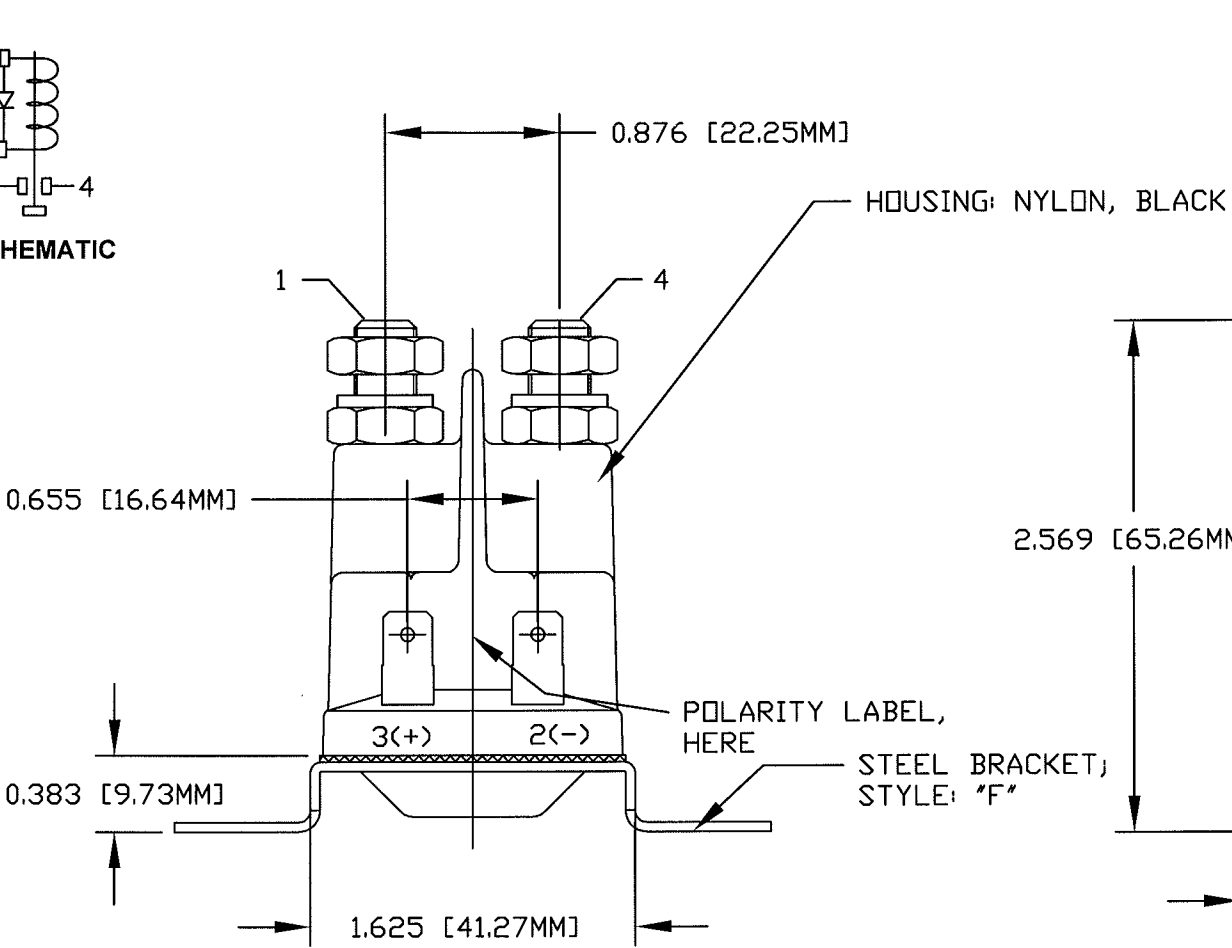


| Revision Control Record |                       |         |          |
|-------------------------|-----------------------|---------|----------|
| Rev.                    | Description of Change | ECN No. | Date     |
| A                       | NEW PART ADDITION     | 12184   | 05/10/12 |
| B                       | CHANGE POLARITIES     | 13001   | 01/02/13 |
|                         |                       |         |          |



SCHMATIC



- NOTES:
1. ALL DIMENSIONS ARE REFERENCE.
  2. ALL STEEL PARTS ZINC PLATED. HOUSING MATERIAL: NYLON, GLASS REINFORCED.
  3. CONTACT MATERIAL: SILVER.
  5. ELECTRICAL RATING: MAKE & BRAKE: 100 AMPS; CONT. DUTY, INRUSH: 400 AMPS. LIFE CYCLE @24VDC: 50K CYCLES. COIL RESISTANCE AT 24 VDC: 76 OHMS @ 25°C.
  6. BRACKET: SOLENOID COMES WITH "F" BRACKET.
  7. HARDWARE: ALL HARDWARE COME ASSEMBLED TO STUDS. APPLY 35 IN-LBS (3.95Nm) MAX TORQUE DURING CABLE ASSEMBLY.
  8. OPERATING TEMPERATURE: -40°C TO 59°C. (-40 TO 140°F)
  9. DIODE MOUNTED ACROSS COIL; FOLLOW PROPER POLARITY WHEN WIRING COIL. SEE SCHEMATIC.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <p><b>Tolerances</b> Unless otherwise specifically noted, the following are default tolerances;</p> <ul style="list-style-type: none"> <li>* 2-place Decimal Dimensions <math>\pm .02"</math></li> <li>* 3-place Decimal Dimensions <math>\pm .005"</math></li> <li>* Angular Dimensions <math>\pm 1.0</math> Deg.</li> <li>* Metric: Refer to equivalent English Dimension Tolerance</li> </ul> <p>&gt;&gt;&gt; NOTE: All tolerances are Non-Cumulative. &lt;&lt;&lt;</p> <p><b>Dimensional Units</b> All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters</p> <p>"REF." or an Asterisk (*) = Non-Toleranced Reference Dimension, shown for clarification purposes only.</p> |                   |
| Used On SAME AS 24524-10 or Ref.: EXCEPT INT DIODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Scale: <b>1:1</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <p><b>PROPRIETARY INFORMATION</b> 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.</p> <p><b>DESIGN CONTROL</b> It is the responsibility of the individual using / referencing this drawing to assure that the noted design revision level agrees with the revision level of the Controlled Document (Master Drawing). This is a NON-CONTROLLED DOCUMENT unless otherwise specifically noted.</p> <p>DO NOT SCALE - Dimensional variation may occur during printing / reproduction.</p> |                             |
| Drawn By: <b>G. AUGUSTE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Date Drawn: <b>01/10/12</b> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <p><b>Special Characteristics:</b></p> <ul style="list-style-type: none"> <li> Critical Characteristic, relating to Safety and/or Regulatory Compliance</li> <li> Significant Characteristic relating to Process Control (SPC)</li> <li> Key Characteristic relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer</li> </ul> <p>(Note that the identification of any Characteristics as being "Special" does not alter the requirement that ALL specified dimensions &amp; tolerances must be met.)</p> |            |
| Responsible Engineer: <b>G. AUGUSTE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Pg. 1 OF 1 |

|                                                                                                                                                                       |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <p><b>Cole Hersee Co.</b><br/> 20 Old Colony Ave., South Boston, MA, 02127<br/> Phn: 617-268-2100 Web: <a href="http://www.colehersee.com">www.colehersee.com</a></p> |                       |
| <p>Description:</p> <p><b>SOLENOID, 24V, SPST, N.O</b></p>                                                                                                            |                       |
| Drawing / Part No.: <b>24524-10D</b>                                                                                                                                  | Current Rev. <b>B</b> |