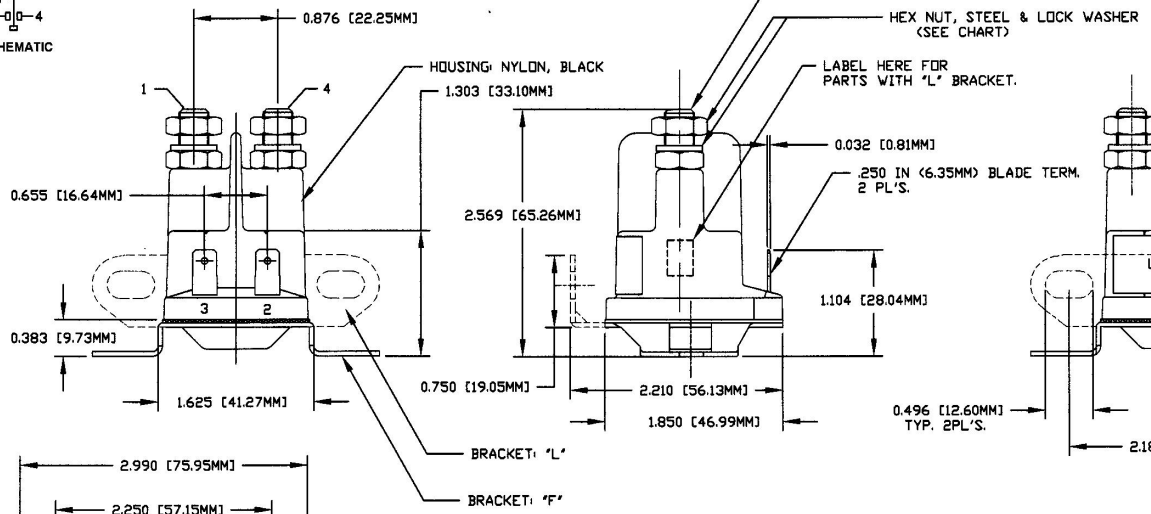
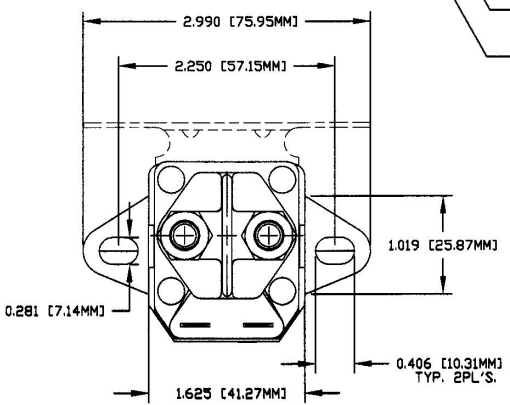
Revision Control Record			
Rev.	Description of Change	ECN No.	Date
A	NEW PART	03443	10/09/03

SCHEMATIC





NOTES:
1. ALL DIMENSIONS ARE REFERENCE.
2. ALL STEEL PARTS ZINC PLATED. HOUSING MATERIAL: NYLON, GLASS REINFORCED.
3. CONTACT MATERIAL: SEE CHART.
4. COIL RESISTANCE AT 12 VDC, 25°C: INTERMITTENT DUTY SOL: SEE CHART; CONT. DUTY SOLENOID: SEE CHART.
5. CONTACT CURRENT CARRYING CAPACITY. INTERM DUTY: 200 AMPS; CONT. DUTY: 100 AMPS. (SILVER CONTACT)
   INTERMITTENT DUTY INRUSH: 300 AMPS, CONTINUOUS DUTY INRUSH: 400 AMPS.
   INTERMITTENT DUTY ON AND OFF TIME: 5 SECONDS ON; 5 MINUTES OFF. MAX. ON TIME: 20 SECONDS.
   LIFE CYCLE @12VDC, 25°C: 10K CYCLES. CONTINUOUS DUTY: 50K CYCLES (SILVER CONTACT)
6. BRACKET: INDIVIDUAL SOLENOID COMES WITH EITHER 'F' OR 'L' METAL BRACKET. SEE CHART.
7. HARDWARE: ALL HARDWARE COME LOOSE IN A BAG OR ASSEMBLED. SEE CHART FOR SELECTION.
8. OPERATING TEMPERATURE: -40°C TO 59°C. (-40 TO 140°F)
9. FOR EXCEPTION TO ABOVE: SEE CHART 'ADDITIONAL NOTES'

Tolerances: Unless otherwise specifically noted, the following are default tolerances:
- 3-place Decimal Dimensions +/- .02"
- 2-place Decimal Dimensions +/- .005"
- Angular Dimensions +/- 1.0 Deg.
- Metric: Refer to equivalent English Dimension Tolerance
>>> NOTE: All tolerances are Non-Cumulative. <<<

Dimensional Units: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters

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

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.

DESIGN CONTROL: 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.

DO NOT SCALE - Dimensional variation may occur during printing / reproduction.

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

(Note that the identification of any Characteristics as being "Special" does not alter the requirement that ALL specified dimensions & tolerances must be met.)

Used On or Ref.: EX27922-C12	Scale: 1:1	Drawn By: G. AUGUSTE	Date Drawn: 05/02/03	Responsible Engineer: G. AUGUSTE	Pg. 1 OF 2

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Description: SOLENOID, 12V, SPST, N.O

Drawing / Part No.: 24512-CHART

Current Rev.: A