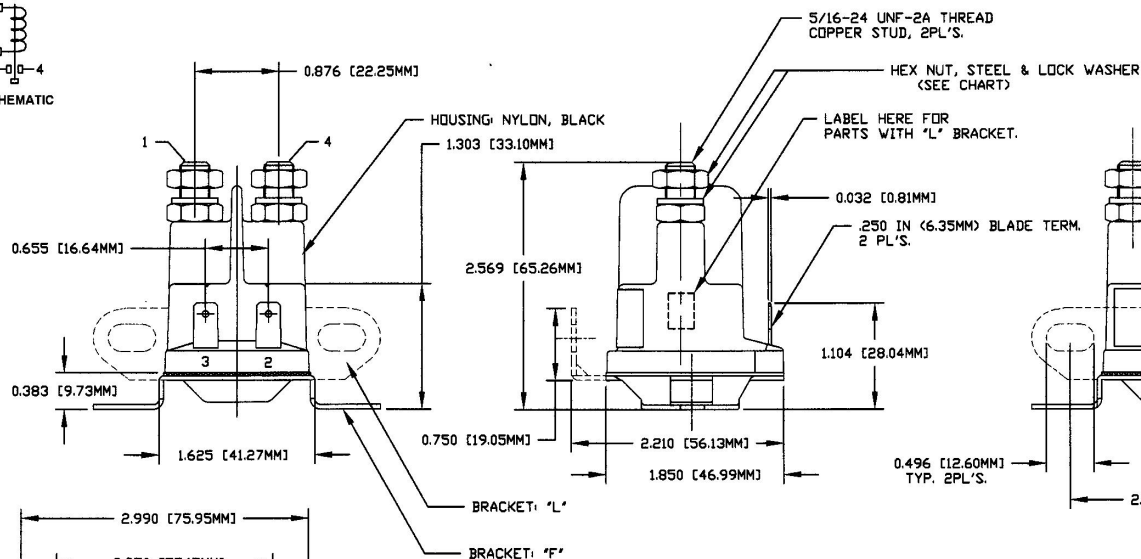


20
30
1-0-4
SCHEMATIC



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: • Solder Bridged Dimensions: $\pm .02"$ • Surface Dimensional Dimensions: $\pm .004"$ • Angular Dimensions: ± 1.5 Deg. • Metric: Refer to equivalent English Dimension Tolerances NOTE: All tolerances are Non-Cumulative, unless otherwise specifically noted.	
Dimensional Note: All dimensions are expressed in inches except those shown in brackets (xxx) are expressed in millimeters.	
2002 © Cole Hersee Co. - All Tolerances and Reference Dimensions, shown for identification purposes only.	
Used On or Ref:	EX27922-C12
Scale:	1:1

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DESIGN NOTE: It is the responsibility of the individual using/replicating this drawing to ensure that the latest design revision and agree with the revision level of the Controlled Document (Master Drawing). This is a WIRE-CONTROLLED DOCUMENT unless otherwise specifically noted.	
DO NOT SCALE: Dimensional variation may occur during printing/replication.	
Drawn By:	G. AUGUSTE
Date Drawn:	08/02/03

Basic Characteristic: Critical Characteristics, relating to Safety and/or Regulatory Compliance Significant Characteristics relating to Process Control (SPC) Key Characteristics relating to Form - Fit - Function as defined by Cole Hersee Company and/or the Customer (Note that the identification of any Characteristics as being "Basic" does not alter the requirement that ALL specified dimensions & tolerances must be met.)	
Responsible Engineer:	G. AUGUSTE
Page:	1 OF 2

Cole Hersee Co. 20 Old Colony Ave., South Boston, MA, 02127 Phone: 617-386-5100 Web: www.colehersee.com	
Description: SOLENOID, 12V, SPST, N.O	
Drawing Part No.:	24512-CHART
Current Rev.:	A

Revision Control Record			
Rev.	Description of Change	ECN No.	Date
A	NEW PART	03443	10/08/03



DUTY CYCLE
LABEL: SEE CHART FOR APPROPRIATE LABEL INFORMATION.