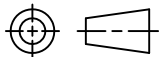




|                      |                       |                  |              |
|----------------------|-----------------------|------------------|--------------|
| DRAWN<br>N.TABAKOVIC | APPROVAL<br>L.BENNETT | DATE<br>10-24-06 | SCALE<br>1:1 |
|----------------------|-----------------------|------------------|--------------|

CUSTOMER  
TYCO\_ELECTRONICS\_STANDARD

|   |  |
|---|--|
| TOLERANCE<br>UNLESS<br>SPECIFIED<br>OTHERWISE | 0.X = +/-<br>0.XX = +/-<br>0.XXX = +/-<br>ANGLES = +/- |
|---|--|

  
 DO NOT SCALE THIS DRAWING

| CHANGES   |           |               |      |
|---|-----------|---------------|------|
| REV.  | DATE      | CO            | APP. |
|  | 10-24-06  | RELEASE NT    | L.B  |
|  | 29APR2010 | ECR-10-008018 | BT   |

ELECTRICAL CHARACTERISTICS: (ALL DATA APPLIES @ 23°C UNLESS OTHERWISE SPECIFIED)

COIL DATA:

|                    |                                  |
|--------------------|----------------------------------|
| NOMINAL VOLTAGE:   | 24 VDC                           |
| OPERATE VOLTAGE:   | 15.6 VDC MAXIMUM                 |
| RELEASE VOLTAGE:   | 2.4 VDC MINIMUM                  |
| COIL RESISTANCE:   | 360 OHMS +/- 10%                 |
| OPERATE TIME:      | 8 mSEC. MAXIMUM EXCLUDING BOUNCE |
| RELEASE TIME:      | 5 mSEC. MAXIMUM EXCLUDING BOUNCE |
| TEMPERATURE RANGE: | OPERATING -40°C TO +85°C         |

CONTACT DATA: (CONTACT DATA IS FORMATTED N.O./N.C.)

|                             |  |
|-----------------------------|--|
| CONTACT ARRANGEMENT:        | 1 FORM C (SPDT)  |
| CONTACT MATERIAL:           | AgSnO (SILVER TIN-OXIDE)   |
| CONTACT MILLIVOLT DROP:     | 200mv @ 35A ON N.O. CONTACTS (AFTER SWITCHING)<br>250mv @ 20A ON N.C. CONTACTS (AFTER SWITCHING) |
| MAXIMUM MAKE CURRENT:       | 90A/30A (LAMP) @ 16 VDC  |
| MAXIMUM BREAK CURRENT:      | 40A/30A @ 16 VDC RESISTIVE   |
| MAXIMUM CONTINUOUS CURRENT: | 40A/30A @ 23°C , 35A/20A @ 85°C  |
| INITIAL BREAKDOWN CURRENT   | 500V RMS CONTACTS TO COIL  |

EXPECTED LIFE: 100,000 OPERATIONS, 40 A, 14 VDC RESISTIVE ON NORMALLY OPEN CONTACT

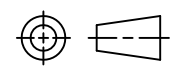
MECHANICAL CHARACTERISTICS:

|                |  |
|----------------|--|
| EXPECTED LIFE: | 10 MILLION OPERATIONS, NO CONTACT LOAD |
| TERMINALS:     | PLATED BRASS                           |
| ENCLOSURE:     | EPOXY SEALED                           |

DRAWN N.TABAKOVIC  
APPROVAL L.BENNETT  
DATE 10-24-06  
SCALE 1:1

CUSTOMER TYCO\_ELECTRONICS\_STANDARD

TOLERANCE 0.X = +/-  
UNLESS 0.XX = +/-  
SPECIFIED 0.XXX = +/-  
OTHERWISE ANGLES = +/-

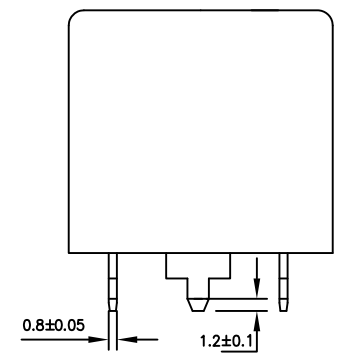
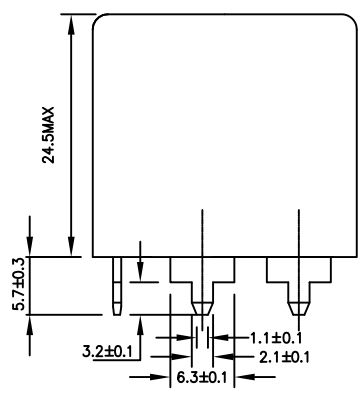


DO NOT SCALE THIS DRAWING

REV B

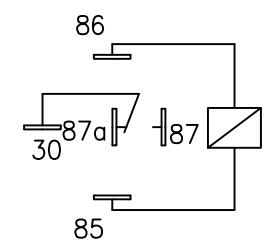
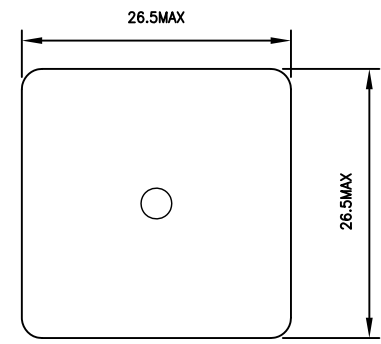
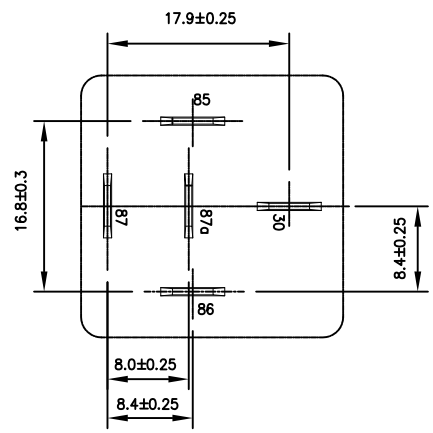
MILLIMETERS

MARKING TO INCLUDE:  
TYCO ELECTRONICS NAME, TYCO ELECTRONICS PART NUMBER, SCHEMATIC,  
COIL VOLTAGE, COUNTRY OF ORIGIN, AND DATE CODE



\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS

↑K  
K ASPECT



SCHEMATIC DRAWING  
(BOTTOM VIEW)