
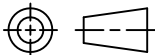




|  |                       |                  |              |  |  |   |           |                       |      |
|--|-----------------------|------------------|--------------|--|--|---|-----------|-----------------------|------|
|    |                       |                  |              | CUSTOMER DATA  |  | PART NO.<br>1432866-1   |           | SHT. 1<br>OF 2        |      |
| DRAWN<br>N.TABAKOVIC   | APPROVAL<br>L.BENNETT | DATE<br>10-24-06 | SCALE<br>1:1 | CUSTOMER<br>TYCO_ELECTRONICS_STANDARD  |  |   |           |                       |      |
| <div>TOLERANCE            0.X    =    +/-<br/>UNLESS                0.XX   =    +/-<br/>SPECIFIED            0.XXX =    +/-<br/>OTHERWISE            ANGLES =    +/-</div> |                       |                  |              | <br><br>DO NOT SCALE THIS DRAWING |  | CHANGES   |           |                       |      |
|  |                       |                  |              |  |  | REV.  | DATE      | CO                    | APP. |
|  |                       |                  |              |  |  |  | 10-24-06  | RELEASE <sup>NT</sup> | L.B. |
|  |                       |                  |              |  |  |  | 29APR2010 | ECR-10-008018         | BT   |

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

COIL DATA:

|                    |                                  |
|--------------------|----------------------------------|
| NOMINAL VOLTAGE:   | 12 VDC                           |
| OPERATE VOLTAGE:   | 7.8 VDC MAXIMUM                  |
| RELEASE VOLTAGE:   | 1.2 VDC MINIMUM                  |
| COIL RESISTANCE:   | 90 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 ARRANGEMENT:        | 1 FORM A (SPST)               |
| CONTACT MATERIAL:           | AgSnO (SILVER TIN-OXIDE)      |
| CONTACT MILLIVOLT DROP:     | 200mv @ 35A (AFTER SWITCHING) |
| MAXIMUM MAKE CURRENT:       | 90A (LAMP) @ 16 VDC           |
| MAXIMUM BREAK CURRENT:      | 40A @ 16 VDC RESISTIVE        |
| MAXIMUM CONTINUOUS CURRENT: | 40A @ 23°C , 35A @ 85°C       |
| INITIAL BREAKDOWN CURRENT   | 500V RMS CONTACTS TO COIL     |

|                |  |
|----------------|--|
| EXPECTED LIFE: | 100,000 OPERATIONS, 40 A, 14 VDC RESISTIVE |
|----------------|--|

MECHANICAL CHARACTERISTICS:

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

DRAWN  
N.TABAKOVIC

APPROVAL  
L.BENNETT

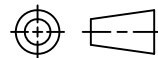
DATE  
10-24-06

SCALE  
1:1

CUSTOMER

TYCO\_ELECTRONICS\_STANDARD

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



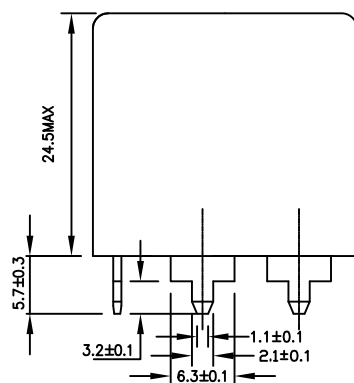
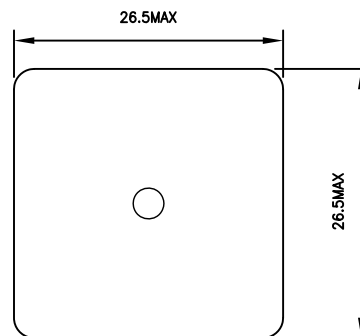
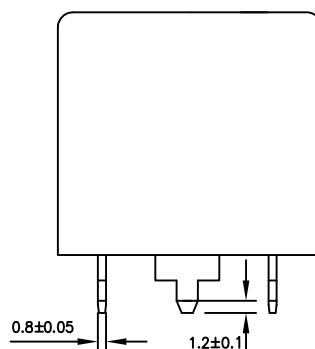
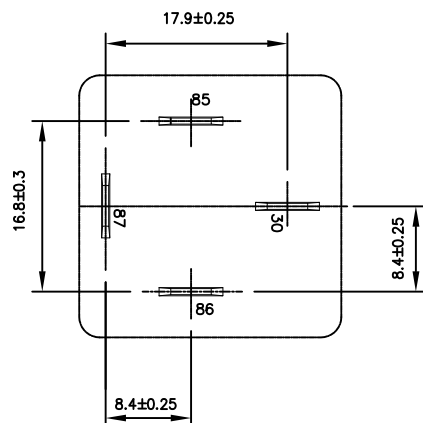
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REV B

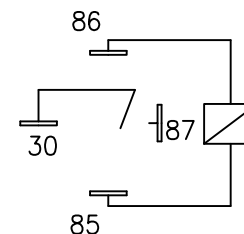
MILLIMETERS

MARKING TO INCLUDE:

TYCO ELECTRONICS NAME, TYCO ELECTRONICS PART NUMBER, SCHEMATIC,  
COIL VOLTAGE, COUNTRY OF ORIGIN, AND DATE CODE


↑K  
K ASPECT


\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS



SCHEMATIC DRAWING  
(BOTTOM VIEW)

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