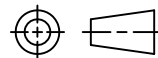


|                      |                       |                  |              |
|----------------------|-----------------------|------------------|--------------|
| DRAWN<br>N.TABAKOVIC | APPROVAL<br>L.BENNETT | DATE<br>10-24-06 | SCALE<br>1:1 |
|----------------------|-----------------------|------------------|--------------|

CUSTOMER  
TYCO\_ELECTRONICS\_STANDARD

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



DO NOT SCALE THIS DRAWING

## CHANGES

| REV.                                                                                | DATE      | CO            | APP. |
|-------------------------------------------------------------------------------------|-----------|---------------|------|
|  | 10-24-06  | RELEASE NT    | L.B. |
|  | 30APR2010 | 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:   | 317.5 OHMS +/- 10%                |
| OPERATE TIME:      | 10 mSEC. MAXIMUM EXCLUDING BOUNCE |
| RELEASE TIME:      | 13 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 |
|----------------|---------------------------------------------------------------------|

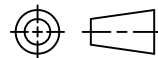
### MECHANICAL CHARACTERISTICS:

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

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

CUSTOMER  
TYCO\_ELECTRONICS\_STANDARD

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



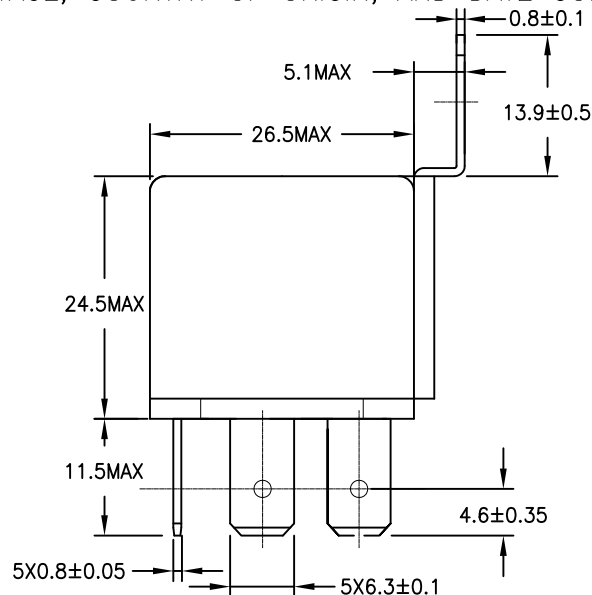
DO NOT SCALE THIS DRAWING

REV B

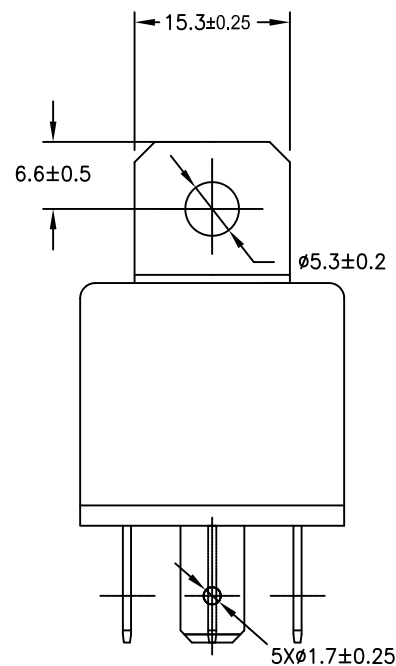
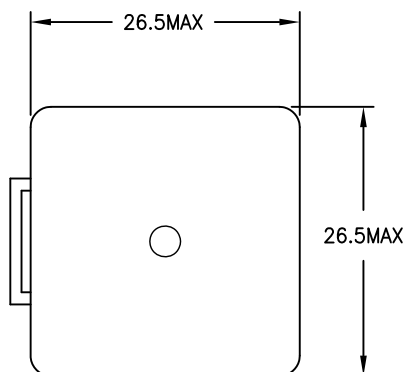
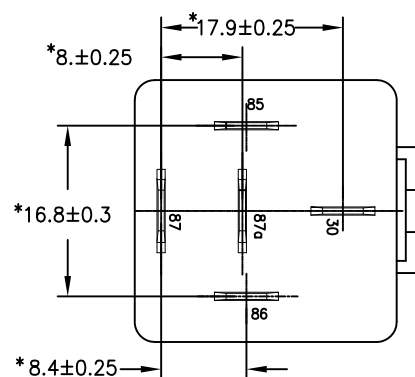
MILLIMETERS

## MARKING TO INCLUDE:

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



↑K  
K ASPECT



\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS

