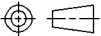


|   |  |   |                            |
|---|--|---|----------------------------|
| DRAWN<br>S. ESTES                             | APPROVAL<br>B. TOEPFER                 | DATE FIRST DRAWN<br>10-26-87            | SCALE<br>1 : 1             |
| TOLERANCE<br>UNLESS<br>SPECIFIED<br>OTHERWISE | 0.X =<br>0.XX =<br>0.XXX =<br>ANGLES = | +/- .1<br>+/- .01<br>+/- .010<br>+/- 1' | [2.54]<br>[.254]<br>[0.25] |

|   |
|---|
| CUSTOMER<br>TYCO STANDARD   |
|  |
| DO NOT SCALE THIS DRAWING   |

| CHANGES |          |         |           |
|---------|----------|---------|-----------|
| REV.    | DATE     | CO      | APP.      |
| ▲       | 03-24-99 | REDRAWN | S.E. B.T. |
| ▲       |          |         |           |

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

COIL DATA:

NOMINAL VOLTAGE: 24 VDC  
 OPERATE VOLTAGE: 14.4 VDC MAXIMUM  
 RELEASE VOLTAGE: 2.4 VDC MINIMUM  
 COIL RESISTANCE: 360 OHMS +/- 10%  
 OPERATE TIME: 8 mSEC. MAXIMUM EXCLUDING BOUNCE  
 RELEASE TIME: 3 mSEC. MAXIMUM EXCLUDING BOUNCE  
 TEMPERATURE RANGE: STORAGE -40°C TO +155°C  
 OPERATING -40°C TO +85°C  
 OPERATING -40°C TO +125°C (APPLICATION DEPENDENT)

CONTACT DATA: (Contact Data is Formatted N.O./N.C.)

CONTACT ARRANGEMENT: 1 FORM C (SPDT)  
 CONTACT MATERIAL: AgNi 0.15 (FINE GRAIN SILVER)  
 CONTACT MILLIVOLT DROP: 200 mV @ 40A ON N.O. CONTACTS (AFTER SWITCHING)  
 250 mV @ 30A ON N.C. CONTACTS (AFTER SWITCHING)  
 MAXIMUM MAKE CURRENT: 120A/45A (LAMP) @ 16 VDC  
 MAXIMUM BREAK CURRENT: 60A/40A @ 16 VDC RESISTIVE  
 MAXIMUM CONTINUOUS CURRENT: 60A/40A @ 23°C, 40A/30A @ 85°C  
 INITIAL BREAKDOWN CURRENT: 500V RMS CONTACTS TO COIL

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

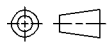
MECHANICAL CHARACTERISTICS:

EXPECTED LIFE: 10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS PER SECOND MAXIMUM

|                  |                        |                              |                |
|------------------|------------------------|------------------------------|----------------|
| DRAWN<br>S.ESTES | APPROVAL<br>B. TOEPFER | DATE FIRST DRAWN<br>10-26-87 | SCALE<br>1 : 1 |
|------------------|------------------------|------------------------------|----------------|

CUSTOMER TYCO STANDARD

|           |        |   |          |        |
|-----------|--------|---|----------|--------|
| TOLERANCE | 0.X    | = | +/- .1   | [2.54] |
| UNLESS    | 0.XX   | = | +/- .01  | [.254] |
| SPECIFIED | 0.XXX  | = | +/- .010 | [0.25] |
| OTHERWISE | ANGLES | = | +/- 1°   |        |

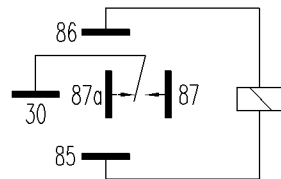
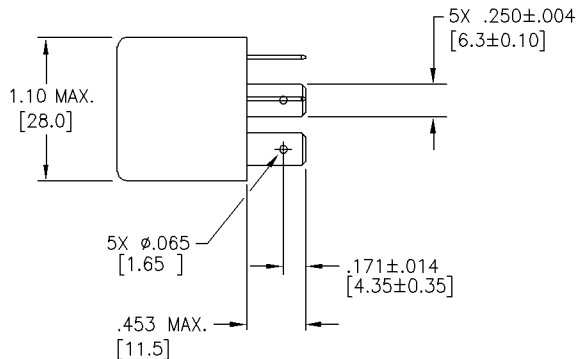


DO NOT SCALE THIS DRAWING

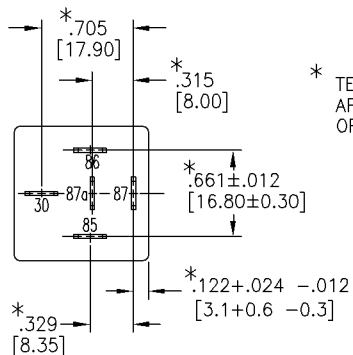
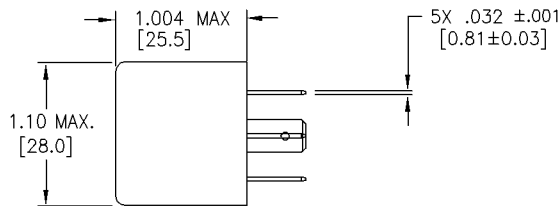
X.XXX = INCHES  
[X.XXX] = MILLIMETERS

**MARKING TO INCLUDE:**

MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER, COIL VOLTAGE, SCHEMATIC, COUNTRY OF ORIGIN, AND DATE CODE



SCHEMATIC DIAGRAM  
(BOTTOM VIEW)



\* TERMINAL LOCATIONS  
APPLY AT THE BASE  
OF THE TERMINALS