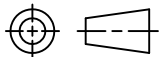




| | | | |
|----------------------|-----------------------|------------------|--------------|
| DRAWN N.TABAKOVIC | APPROVAL L.BENNETT | DATE 10-24-06 | SCALE 1:1 |
|----------------------|-----------------------|------------------|--------------|

CUSTOMER
TYCO_ELECTRONICS_STANDARD

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


 DO NOT SCALE THIS DRAWING

| 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: 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

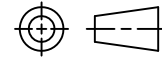
MECHANICAL CHARACTERISTICS:

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 = +/-



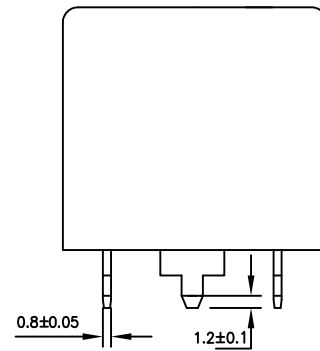
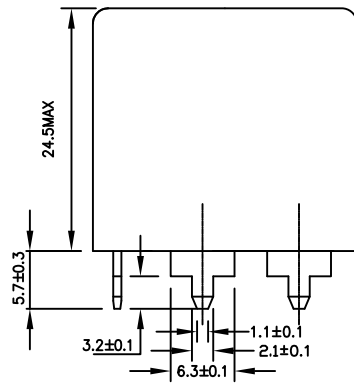
DO NOT SCALE THIS DRAWING

REV B

MILLIMETERS

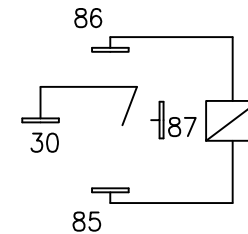
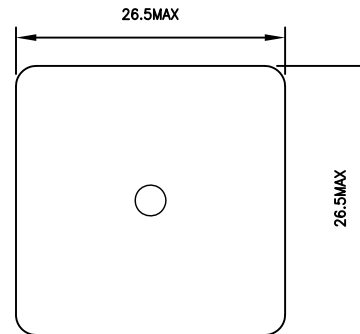
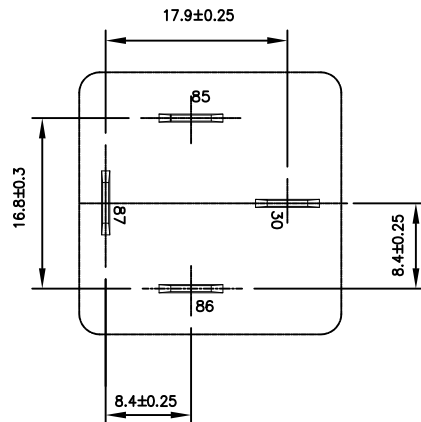
MARKING TO INCLUDE:

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)