




| | | | | | | | | |
|---|------------------------|------------------|----------------|---|---------|------|----|---|
| DRAWN M.BROWN | APPROVAL B. TOEPFER | DATE 05-14-02 | SCALE 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' | | | |  | CHANGES | | | |
| | | | | | REV. | DATE | CO | APP. |
| | | | | | | | |  |
| DO NOT SCALE THIS DRAWING | | | |  | | | | |

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: 9 mSEC. MINIMUM 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

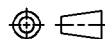
MECHANICAL CHARACTERISTICS:

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

| | | | |
|------------------|------------------------|------------------|----------------|
| DRAWN M.BROWN | APPROVAL B. TOEPFER | DATE 05-14-02 | SCALE 1 : 1 |
|------------------|------------------------|------------------|----------------|

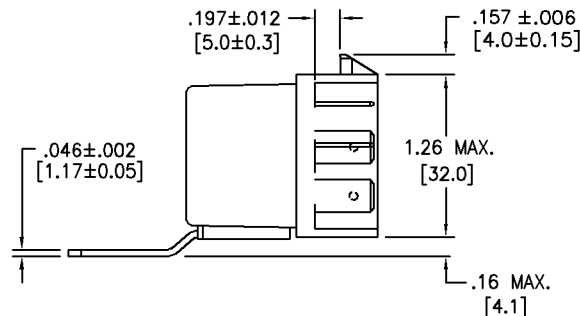
CUSTOMER
TYCO STANDARD

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

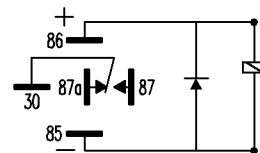


DO NOT SCALE THIS DRAWING

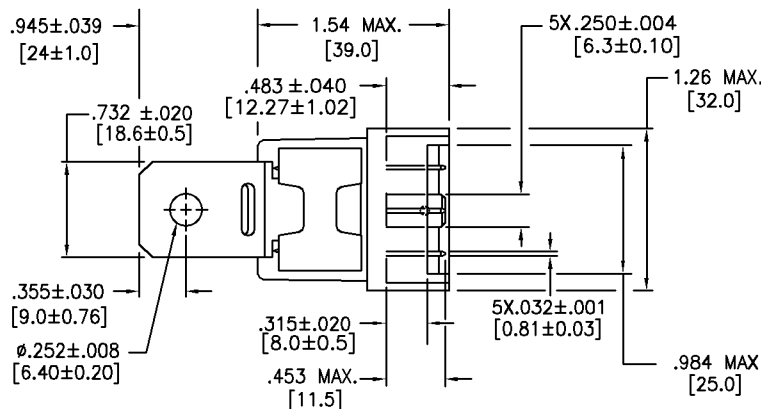
X.XXX = INCHES
[X.XXX] = MILLIMETERS



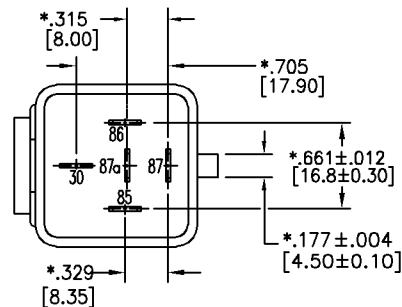
MARKING TO INCLUDE:
MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER,
SCHEMATIC, COIL VOLTAGE, COUNTRY OF ORIGIN,
AND DATE CODE



SCHEMATIC DIAGRAM



* TERMINAL LOCATIONS
APPLY AT THE BASE
OF THE TERMINAL



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