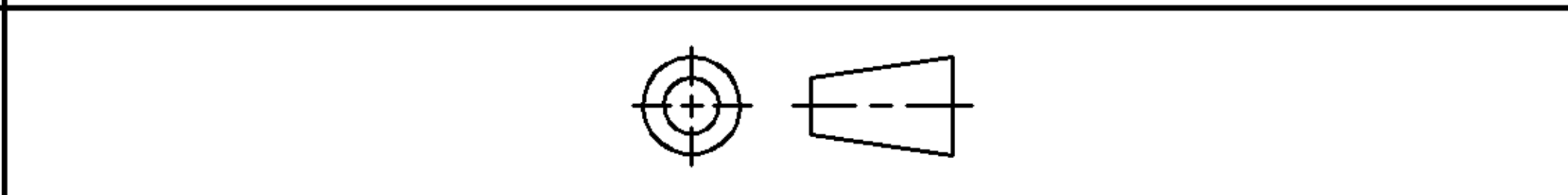


CUSTOMER DATA

DRAWN S.ESTES	APPROVAL B.TOEPPER	DATE 06-09-97 03-02-99	SCALE 1 : 1
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CUSTOMER
TYCO STANDARD

TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/-.1 [2.54] 0.XX = +/-.01 [.254] 0.XXX = +/-.010 [0.25] ANGLES = +/-.1°
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CHANGES			
REV.	DATE	CO	APP.
A	03-28-02	CHG. PER B.TOEPPER MDB	B.T.
B	02-11-04	CHG. PER B.TOEPPER MDB	B.T.

DO NOT SCALE THIS DRAWING

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

COIL DATA:

NOMINAL VOLTAGE: 12 VDC
OPERATE VOLTAGE: 7.2 VDC MAXIMUM
RELEASE VOLTAGE: 1.2 VDC MINIMUM
COIL RESISTANCE: 90 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 (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 S.ESTES	APPROVAL B.TOEPPER	DATE 06-09-97 03-02-99	SCALE 1 : 1
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CUSTOMER
TYCO STANDARD

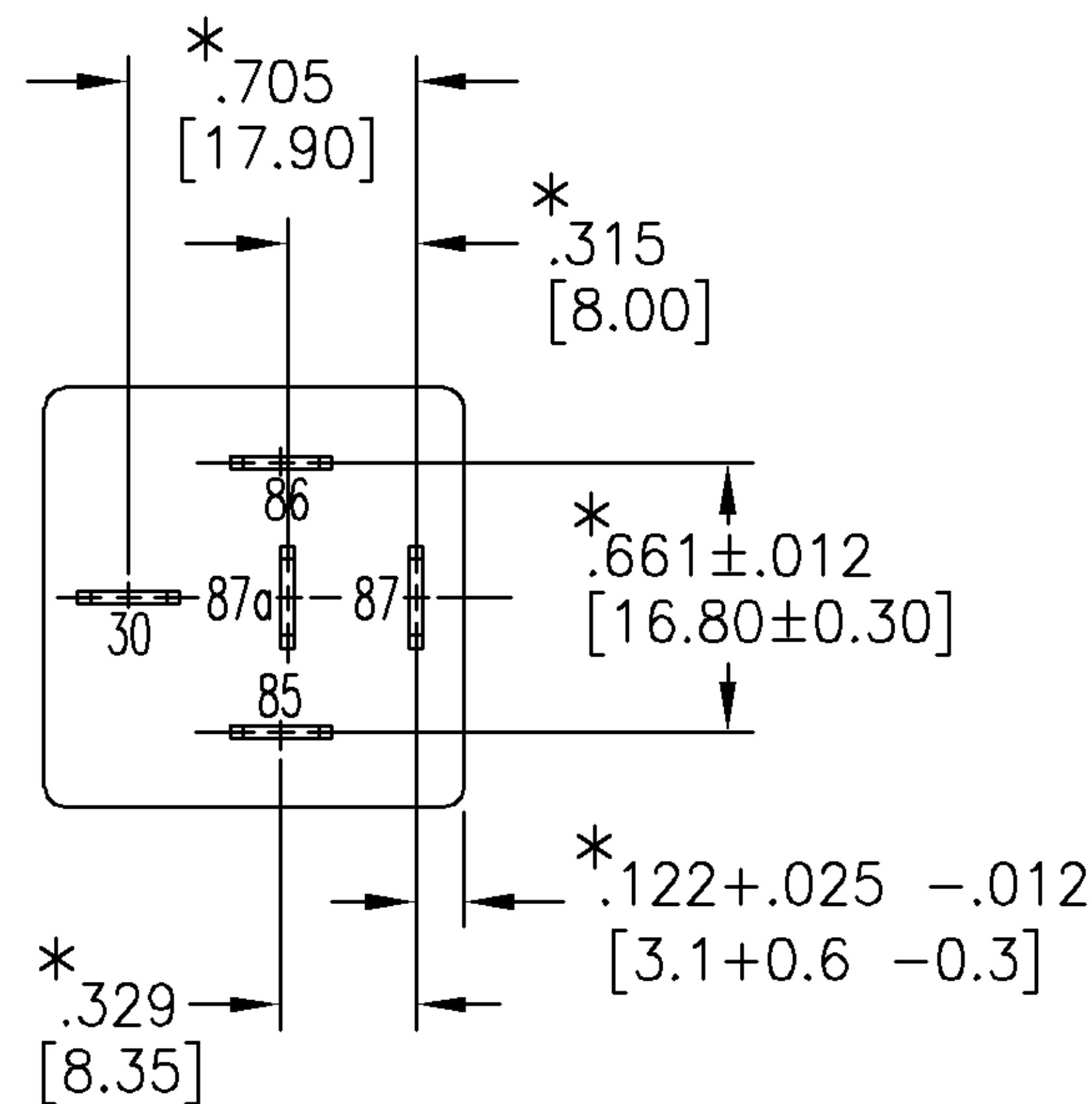
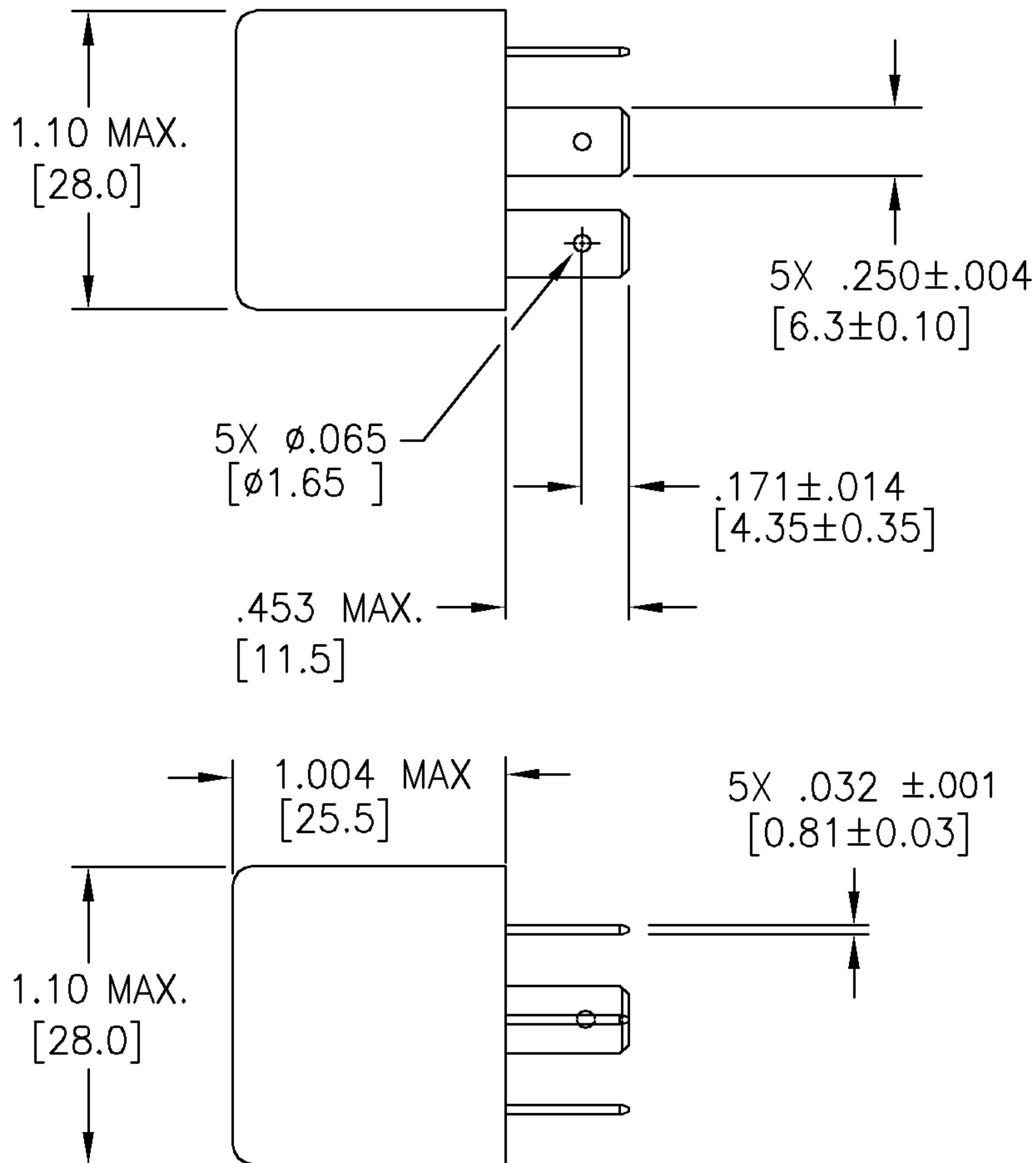
TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = 0.XX = 0.XXX = ANGLES =	+/- .1 +/- .01 +/- .010 +/- 1°	[2.54] [.254] [0.25]
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DO NOT SCALE THIS DRAWING

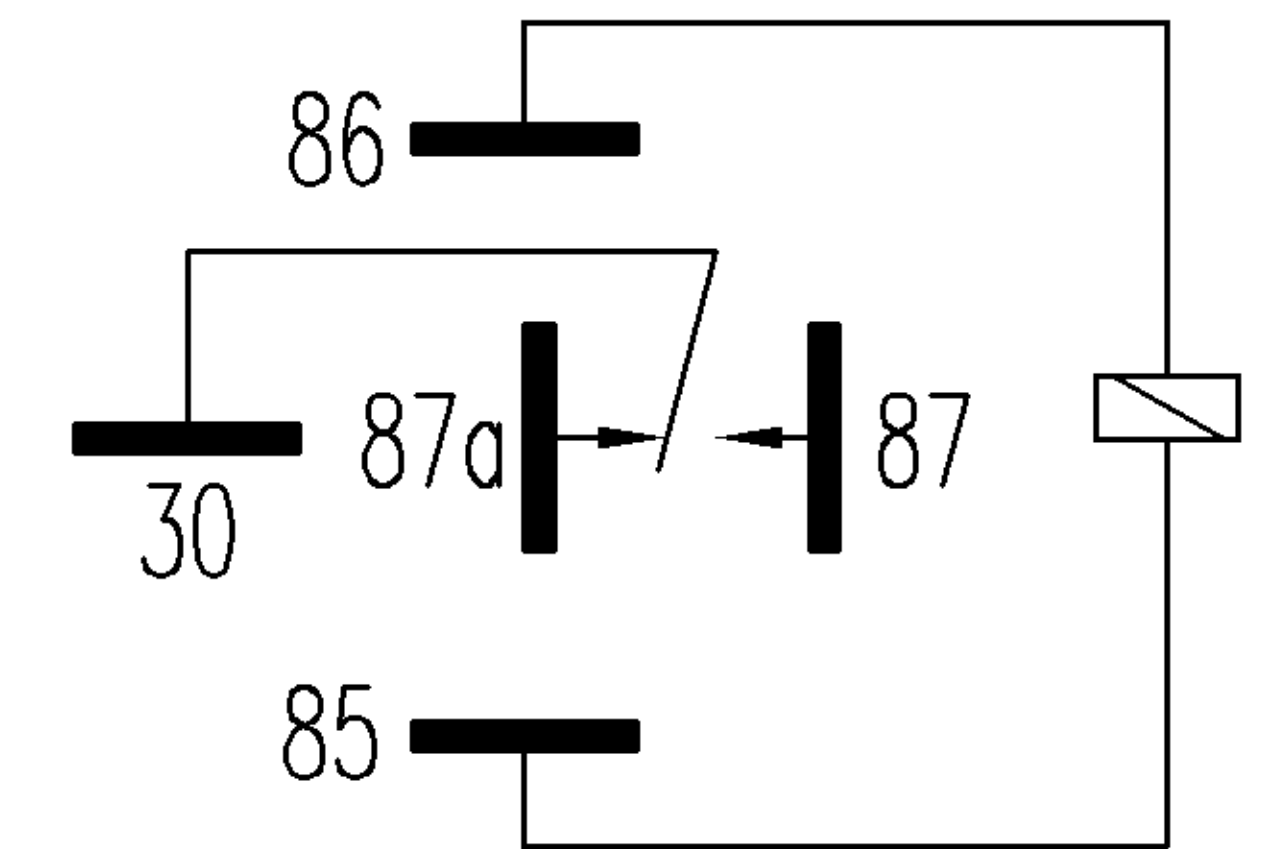
REV. B
X.XXX = INCHES
[XX.XX] = MILLIMETERS

MARKING TO INCLUDE:

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



* TERMINAL LOCATIONS APPLY AT THE BASE OF THE TERMINALS



SCHEMATIC DIAGRAM (BOTTOM VIEW)