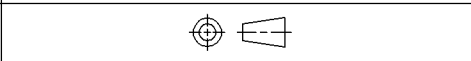


# CUSTOMER DATA

DRAWN S.ESTES	APPROVAL B.TOEPPER	DATE 02-09-99 03-03-99	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

CHANGES			
REV.	DATE	CO	APP.
	03-03-99	REDRAWN	S.E. B.T.
	02-19-02	REVISED	MDB B.T.

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: 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, 14 VDC (AFTER SWITCHING)  
 250 mV @ 30A, 14 VDC (AFTER SWITCHING)  
 MAXIMUM MAKE CURRENT: 120A/45A (LAMP) @ 16 VDC  
 MAXIMUM BREAK CURRENT: 60A/40A @ 16 VDC  
 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:

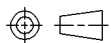
EXPECTED LIFE: 10 MILLION OPERATIONS, NO CONTACT LOAD, 20 OPERATIONS  
 PER SECOND MAXIMUM

DRAWN S.ESTES	APPROVAL B.TOEPPER	DATE 02-09-99 03-03-99	SCALE 1=1
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CUSTOMER TYCO STANDARD
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TOLERANCE UNLESS SPECIFIED OTHERWISE	0.X = +/- .1 [2.54]
	0.XX = +/- .01 [2.54]
	0.XXX = +/- .010 [0.25]
	ANGLES = +/- 1'

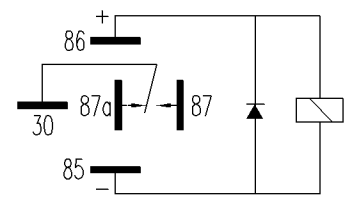
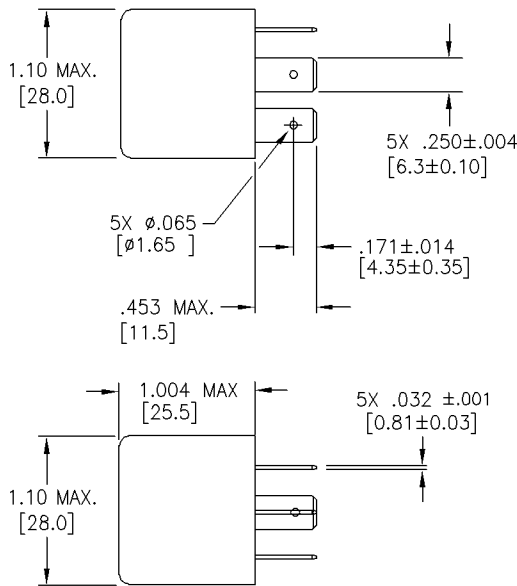
DO NOT SCALE THIS DRAWING



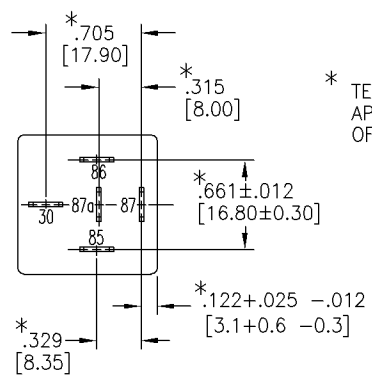
X.XXX = INCHES  
[XX.XX] = MILLIMETERS

**MARKING TO INCLUDE:**

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



SCHMATIC DIAGRAM (BOTTOM VIEW)



\* TERMINAL LOCATIONS APPLY AT THE BASE OF THE TERMINALS