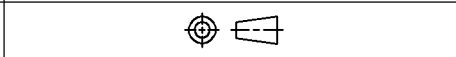


CUSTOMER DATA

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

▲	05-14-02	RELEASE	MDB	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: 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

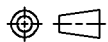
MECHANICAL CHARACTERISTICS:

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
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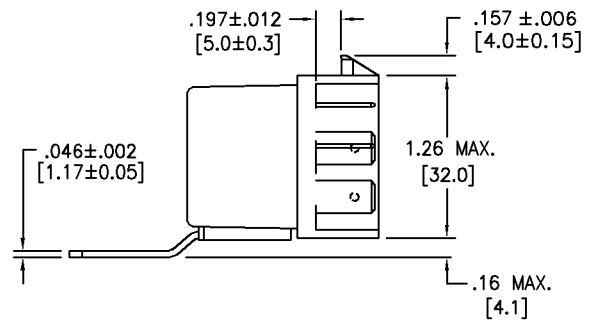
CUSTOMER TYCO STANDARD

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

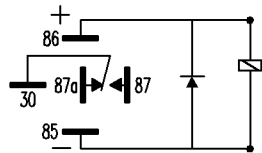


DO NOT SCALE THIS DRAWING

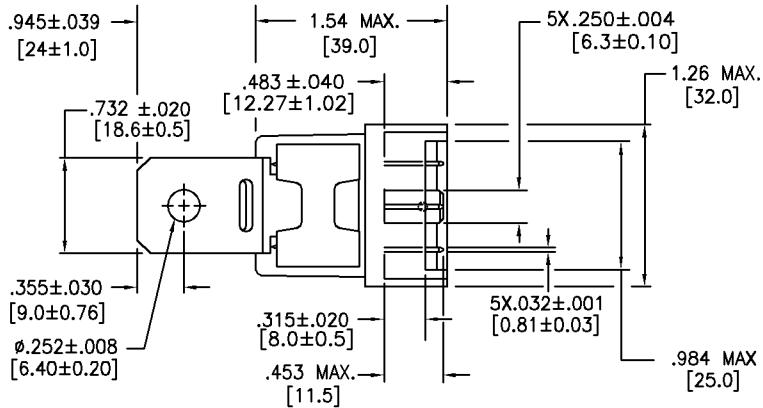
X.XXX = INCHES
[X.XXX] = MILLIMETERS



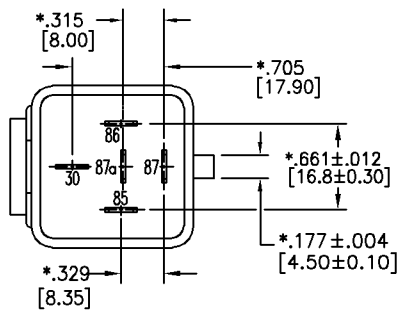
MARKING TO INCLUDE:
MANUFACTURER'S NAME, MANUFACTURER'S PART NUMBER,
SCHEMATIC, COIL VOLTAGE, COUNTRY OF ORIGIN,
AND DATE CODE



SCHEMATIC DIAGRAM



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