

tyco / **Electronics**

Harrisburg, PA 17105-3608

CUSTOMER DATA

PART NO.

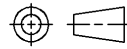
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SHT. 1
OF 2

DRAWN E.SIMPSON	APPROVAL B. TOEPFER	DATE FIRST_DRAWN 05-26-05	SCALE 1:1
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CUSTOMER
TYCO-STANDARD

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



DO NOT SCALE THIS DRAWING

CHANGES

REV.	DATE	CO	APP.
	05-26-05	PRELIMINARY EDS	B.T.
	08-19-05	RELEASE EDS	B.T.

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: 10 mSEC. MAXIMUM EXCLUDING BOUNCE
RELEASE TIME: 13 mSEC. MAXIMUM EXCLUDING BOUNCE
TEMPERATURE RANGE: OPERATING -40°C TO +85°C

CONTACT DATA: (CONTACT DATA IS FORMATTED N.O./N.C.)

CONTACT ARRANGEMENT: 1 FORM C (SPDT)
CONTACT MATERIAL: AgSnO (SILVER TIN-OXIDE)
CONTACT MILLIVOLT DROP: 200mv @ 35A ON N.O. CONTACTS (AFTER SWITCHING)
250mv @ 20A ON N.C. CONTACTS (AFTER SWITCHING)
MAXIMUM MAKE CURRENT: 90A/30A (LAMP) @ 16 VDC
MAXIMUM BREAK CURRENT: 40A/30A @ 16 VDC RESISTIVE
MAXIMUM CONTINUOUS CURRENT: 40A/30A @ 23°C , 35A/20A @ 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
TERMINALS BRASS, UNPLATED