

**tyco** / **Electronics**

Harrisburg, PA 17105-3608

# CUSTOMER DATA

PART NO.

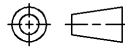
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SHT. 1  
OF 2

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: 79.5 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