Tyco Electronics

CUSTOMER DATA

PART NO. 1432790-1

SHT. 1 OF 2

DRAWN	APPROVAL	DATE	SCALE
E.SIMPSON	B. TOEPFER	05-26-05	1:1

CUSTOMER: TYCO_ELECTRONICS_STANDARD

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

DO NOT SCALE THIS DRAWING

CHANGES

REV.	DATE	CO	APP.
A	08-19-05	RELEASE EDS	B.T.
B	28APR2010	ECR-10-008018	BT

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:	AgSn0 (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

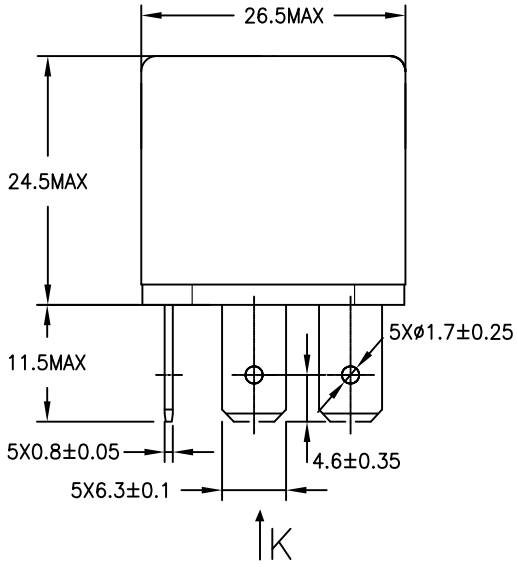
EXPECTED LIFE: 100,000 OPERATIONS, 40 A, 14 VDC RESISTIVE ON NORMALLY OPEN CONTACT

MECHANICAL CHARACTERISTICS:

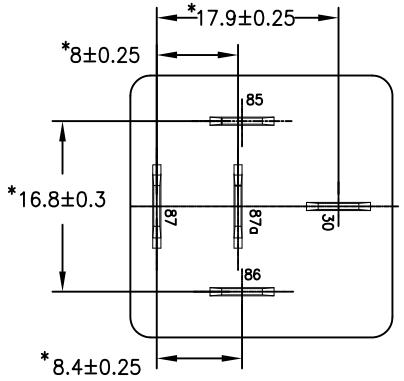
EXPECTED LIFE:	10 MILLION OPERATIONS, NO CONTACT LOAD
TERMINALS	BRASS, UNPLATED

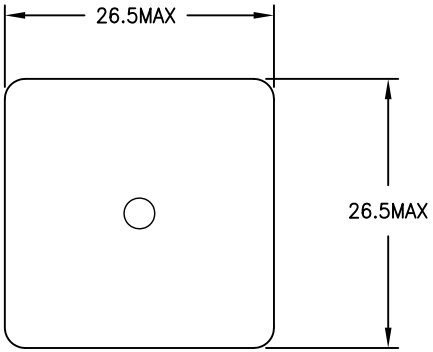
Tyco Electronics	CUSTOMER DATA	PART NO. 1432790-1	SHT. 2 OF 2
DRAWN E.SIMPSON / APPROVAL B. TOEPFER / DATE 05-26-05 / SCALE 1:1	CUSTOMER TYCO_ELECTRONICS_STANDARD		
TOLERANCE UNLESS SPECIFIED OTHERWISE: 0.X = +/- ; 0.XX = +/- ; 0.XXX = +/- ; ANGLES = +/-		REV B	
	DO NOT SCALE THIS DRAWING	MILLIMETERS	

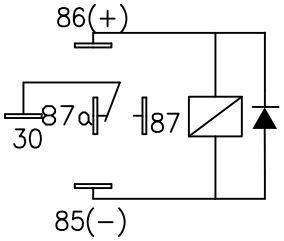
MARKING TO INCLUDE:
TYCO ELECTRONICS NAME, TYCO ELECTRONICS PART NUMBER, SCHEMATIC, COIL VOLTAGE, COUNTRY OF ORIGIN, AND DATE CODE



K ASPECT







SCHEMATIC DRAWING
(BOTTOM VIEW)

* TERMINAL LOCATIONS APPLY AT THE BASE OF THE TERMINALS