



P.C. BOARD LAYOUT

SWITCH FUNCTION CHART			
FUNCTION	1	2	3
01	ON	NONE	ON
TERMINALS CONNECTED	2-3	---	2-1

NONE: NO MECHANICAL POSITION
 OFF: MECHANICAL POSITION WITH NO MECHANICAL CONNECTION
 (ON): MOMENTARY ACTION

- NOTES:
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
 - C CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING STAMPED ON SWITCH IS 2A 250VAC, 5A 120VAC.
 - SWITCHES MEETS REQUIREMENTS OF IP67.
- 4 TE LOGO PER TEC-202-36.
- 5 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.

SPECIFICATIONS	
RATING, R CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, C CONTACTS-SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
RATING, Q CONTACTS	2A @250 VAC (RESISTIVE)
	5A @120 VAC OR 28 VDC (RESISTIVE)
ELECTRICAL LIFE	30,000 MAKE AND BREAK CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2-4VDC, 100mA
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	-30C TO 85C

MATERIALS		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE & BUSHING	NYLON 6/6 GLASS FILLED, UL94 V-0	
ACTUATOR	BRASS	Cr3
O-RING		NONE
SUPPORT BRACKET	BRASS OR STEEL	TIN
SUPPORT BRACKET RETAINER	STAINLESS STEEL	NONE
R TERMINALS & CONTACTS	COPPER ALLOY	GOLD OVER NICKEL
C TERMINALS & CONTACTS	COPPER ALLOY	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER ALLOY	SILVER
TERMINAL SEAL	EPOXY	NONE

R CONTACTS	1977034-2
Q CONTACTS	1977034-1
DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 31JAN2007	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK M WILBOURN 31JAN2007	NAME M WILBOURN	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
0 PLC	± -	APPLICATION SPEC		
1 PLC	± 0.40[.016]	SIZE	CAGE CODE	DRAWING NO
2 PLC	± 0.25[.010]	RESTRICTED TO		
3 PLC	± -	WEIGHT		
4 PLC	± -	A1 00779 C=1977034		
ANGLES	± -	CUSTOMER DRAWING		
		SCALE	SHEET	REV
		3:1	1 OF 1	B1