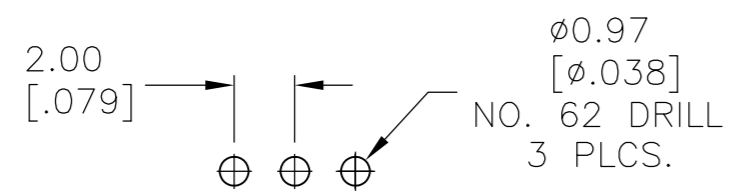
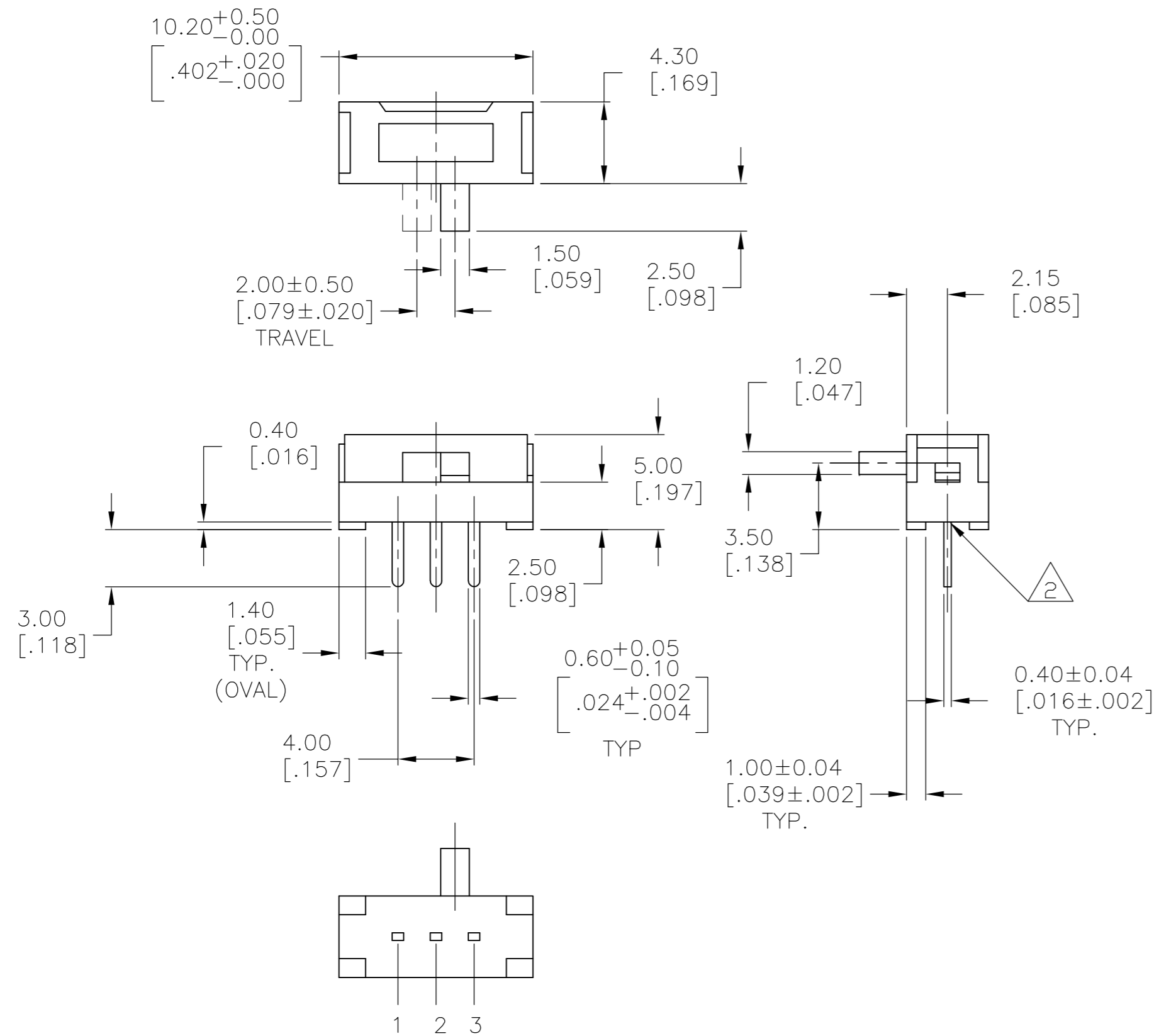


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	00	B	ECO-06-000904	16OCT2007	RB	MS	



PCB HOLE LAYOUT
 TOLERANCE ON P.C. LAYOUT
 DIMENSIONS TO BE : ±.002(±.005)

SPECIFICATIONS
 MAKE-BEFORE-BREAK

MATERIALS:
 ACTUATOR, BASE & COVER- NYLON 66 UL94V-0, BLACK
 TERMINAL BOARD- PHENOLIC, NATURAL
 TERMINAL/FIXED CONTACT- COPPER ALLOY- SILVER OVER NICKEL PLATE
 MOVING CONTACT- COPPER ALLOY- SILVER OVER NICKEL PLATE
 SEAL- EPOXY

ELECTRICAL:
 CONTACT RATING- 100mA@12V DC
 INITIAL CONTACT RESISTANCE- 30MILLIOHM MAX.
 FINAL CONTACT RESISTANCE- 100MILLIOHM MAX. (AFTER TEST)
 INSULTAION RESISTANCE- 100MEGOHMS MIN.
 DIELECTRIC STRENGTH- 500V RMS@SEA LEVEL
 LIFE EXPECTANCY- 10,000 CYCLES MIN.

MECHANICAL:
 ACTUATION FORCE- 250 +200/-150 GRAMS
 TRAVEL- 2.00±0.50 [.079±.020]

ENVIRONMENTAL:
 OPERATING TEMPERATURE- -20° TO +70° C
 STORAGE TEMPERATURE- -30° TO +70° C
 RESISTANCE TO SOLDER HEAT- 260° FOR 5 SEC. PER 109-202, CONDITION C
 SOLDERABILITY PER EIA-364-52, CLASS 2, CATEGORY 1, 95% MIN COVERAGE

NOTES:
 1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

- 2. ANTI SOLDER WICK SEAL AT TERMINAL TO BOARD INTERFACE
- 3. ALL TESTING COMPLETED PER 202-2469 TEST SPECIFICATION
- 4. ACTUATOR MUST BE IN THE RIGHT POSITION AS SHOWN

TYCO PT.NO	MODEL NO.	POS. 1	POS. 2
1825282-1	SSJ91431F04	2 TO 1	2 TO 3

TERMINALS CONNECTED WHEN SLIDER IS IN THE POSITION SHOWN.
 NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SUDHEER 18MAY06	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK M. SARVER	NAME	
	0 PLC ± -	APVD M. SARVER	PRODUCT SPEC	
	1 PLC ± -	PRODUCT SPEC	APPLICATION SPEC	
	2 PLC ± -	APPLICATION SPEC	WEIGHT	
	3 PLC ± 0.25[.010]	WEIGHT -	SIZE A2	
4 PLC ± -	FINISH -	CAGE CODE 00779	DRAWING NO C=1825282	RESTRICTED TO -
MATERIAL SEE SPECIFICATIONS	FINISH -	CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV B