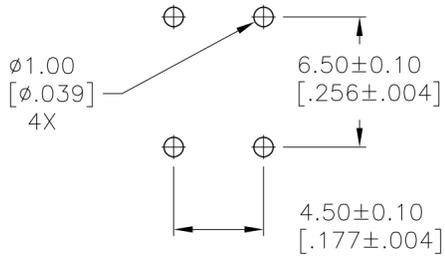
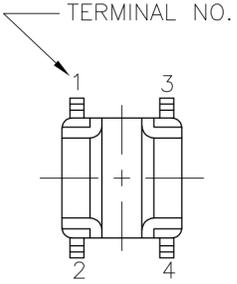
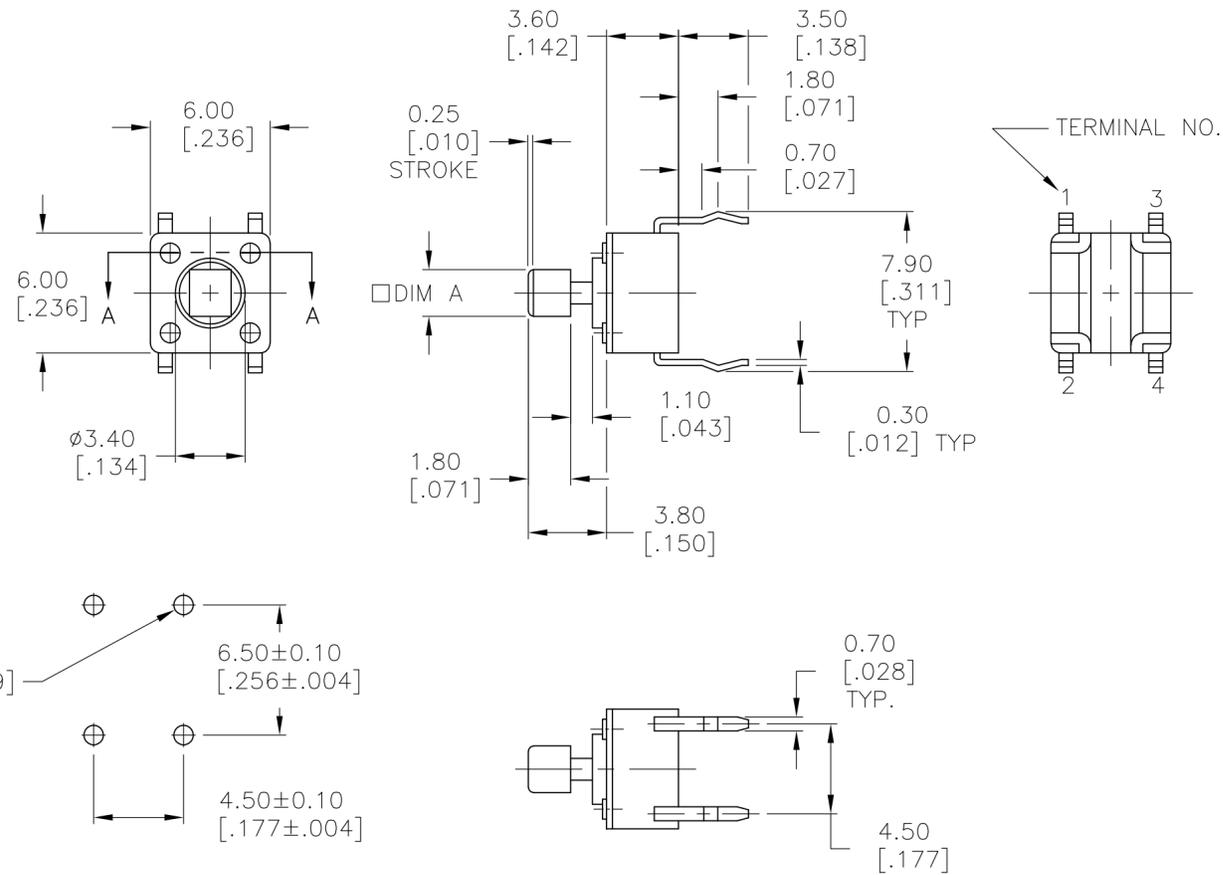


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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
E		REVISED PER ECO-17-002273	10OCT2017	RK	AS



RECOMMENDED HOLE LAYOUT  
 TOLERANCE ±.002 UNLESS OTHERWISE NOTED

**SPECIFICATIONS:**

**MATERIALS:**  
 CASE, NYLON 66, UL94HB, BLACK FINISH  
 COVER, PET FILM, WHITE  
 ACTUATOR, NYLON 66, UL94HB, SEE P/N TABLE FOR FINISH  
 MOVING CONTACT, COPPER ALLOY, SILVER FINISH  
 FIXED CONTACT/TERMINAL, COPPER ALLOY, SILVER OVER NICKEL FINISH

**ELECTRICAL:**  
 MAX CONTACT RATING, 50MA@ 24V DC, PER EIA-448, METHOD 6  
 MIN CONTACT RATING, 10MICROAMP@1V DC  
 INITIAL CONTACT RESISTANCE, 50 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION  
 INSULATION RESISTANCE, 1000 MEGOHM MIN. PER EIA-364-21C EACH POSITION  
 DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.  
 LIFE EXPECTANCY, 100,000 CYCLES

**MECHANICAL:**  
 ACTUATION FORCE, SEE P/N TABLE  
 ACTUATION TRAVEL, .25 +/- .10 MM  
 LIFE EXPECTANCY, 100,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9  
 VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E  
 MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE, -35 TO +85 DEGREES C, PER EIA-448, METHOD 10  
 STORAGE TEMPERATURE, -35 TO +85 DEGREES C  
 HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III  
 THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C  
 SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE  
 RESISTANCE TO SOLDER HEAT, PER 109-202, CONDITION B  
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

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

( )-INDICATES MOMENTARY POSITION		
CIRCUIT CHARACTERISTICS		
CONTACT POSITION		CIRCUIT DIAGRAM
OFF	(ON)	1-3 2-4

OBSOLETE	RED	260±50 GF	2.42 [.095]	FSMDCW	1825967-3
	BLACK	160±50 GF	2.80 [.110]	FSMCDAH	1825967-2
	BLUE	160±50 GF	2.42 [.095]	FSMCDH	1825967-1
	ACTUATOR BUTTON COLOR	ACTUATION FORCE	DIM A	ALCO PART NO.	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 13FEB2007	<b>STE</b> TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK M SARVER 13FEB2007			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 13FEB2007	NAME ACT SWITCH, SQUARE ACTUATOR, 6.0 mm, HIGH TEMP FSMCDH		
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	SIZE A2	CAGE CODE 00779	DRAWING NO C=1825967
2 PLC ± 0.30 [.012]	3 PLC ± -	APPLICATION SPEC	SCALE 4:1	SHEET 1 OF 1	REV E
4 PLC ± -	ANGLES ± -	FINISH	CUSTOMER DRAWING		
MATERIAL SEE SPECIFICATIONS		WEIGHT	RESTRICTED TO		

# Mouser Electronics

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