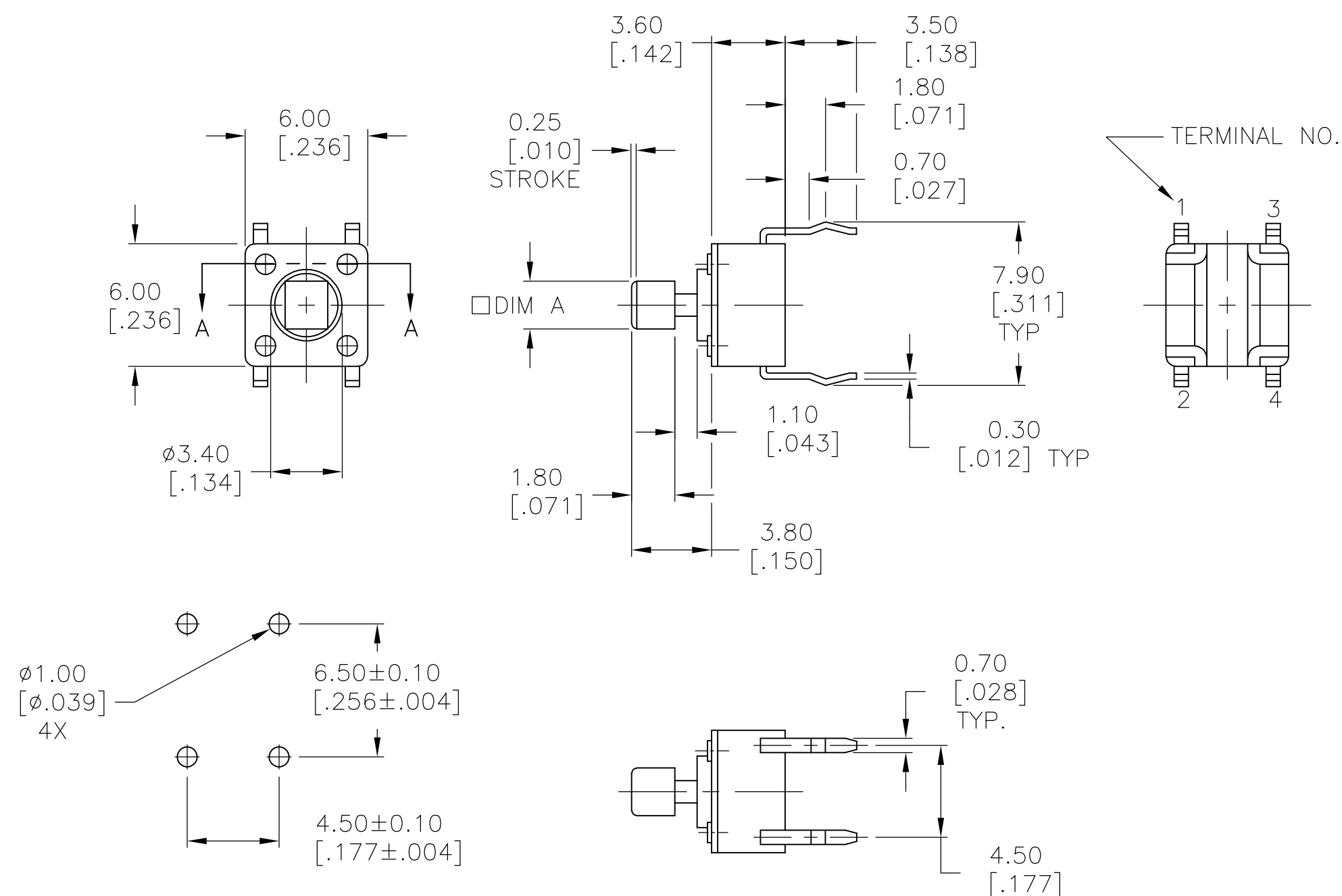




RECOMMENDED HOLE LAYOUT

TOLERANCE $\pm .002$ 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 $\pm$.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

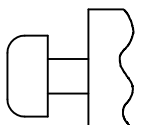
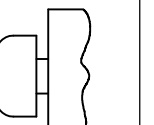
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX,
TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE

RESISTANCE TO SOLDER HEAT, PER 109-202, CONDITION B

NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARAC

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.		COLOR DWN R BROWN 13FEB2007 CHK M SARVER 13FEB2007		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± ± -		NAME ACT SWITCH, SQUARE ACTUATOR, 6.0 mm, HIGH TEMP FSMCDH	
		PRODUCT SPEC - APPLICATION SPEC -		SIZE CAGE CODE DRAWING NO A2 00779 C-1825967	
MATERIAL SEE SPECIFICATIONS		FINISH - WEIGHT		RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 4:1	SHEET 1 of 1
				REV F	