

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

D

C

B

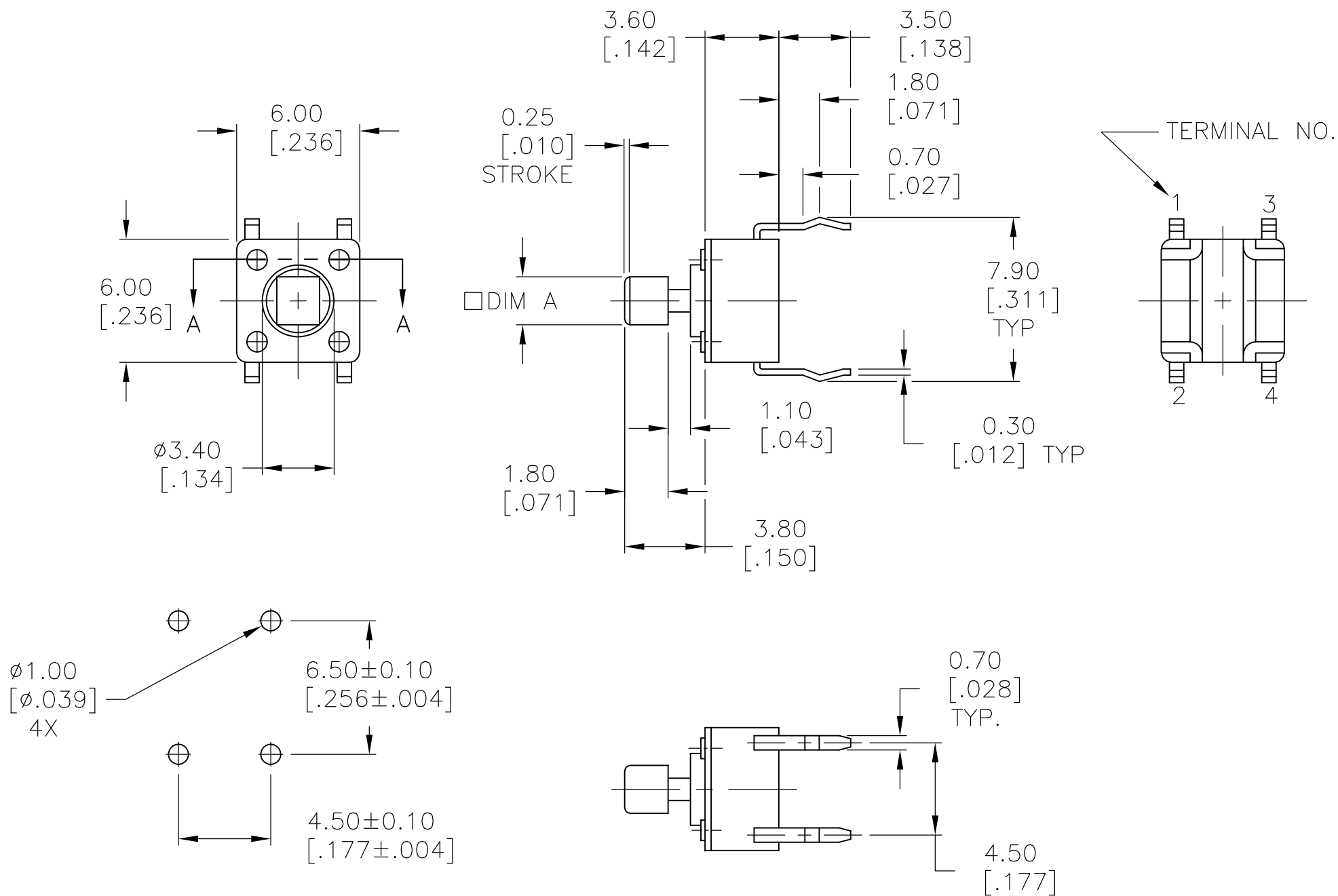
A

D

C

B

A



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 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 $\pm$ 50 GF	2.42[.095]	FSMDCW	1825967-3
	BLACK	160 $\pm$ 50 GF	2.80 [.110]	FSMCDAH	1825967-2
	BLUE	160 $\pm$ 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	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK M SARVER 13FEB2007			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER 13FEB2007	NAME		
		PRODUCT SPEC	ACT SWITCH, SQUARE ACTUATOR, 6.0 mm, HIGH TEMP FSMCDH		
MATERIAL		APPLICATION SPEC	-		
SEE SPECIFICATIONS		FINISH	WEIGHT	SCALE	RESTRICTED TO
		-	-	4:1	-
			CUSTOMER DRAWING	SHEET	REV
				1 OF 1	E