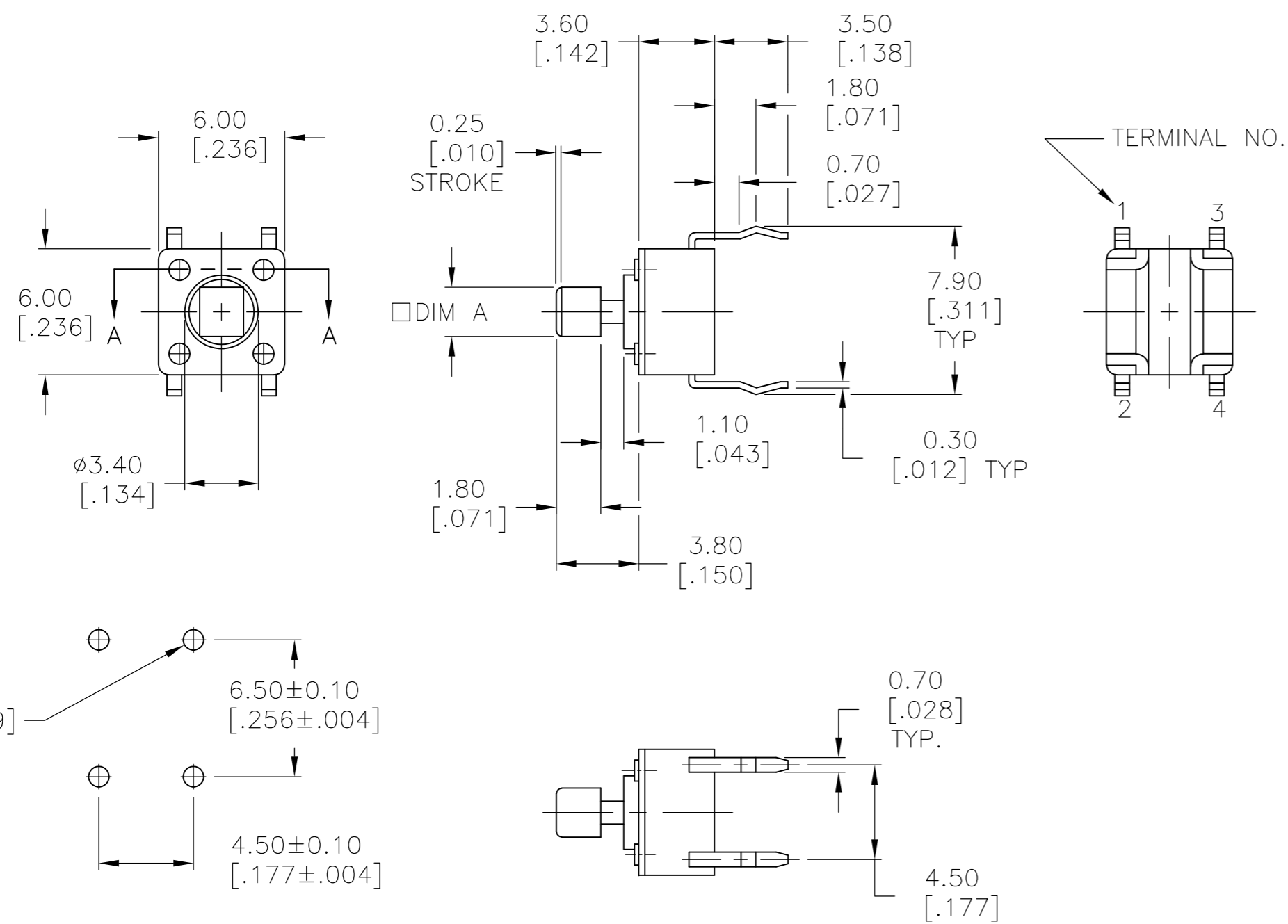


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
D		REVISED PER ECO-14-000473		14JAN2014	NK	RH	



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	

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