

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	ECO-07-000908	02JUL07	MB	MS

SPECIFICATIONS:

MATERIALS:
CASE, PPS, COLOR- BROWN
COVER, STEEL, PLATING- TIN
ACTUATOR, SEE TABLE
CONTACT, COPPER ALLOY, PLATING- SILVER CLAD
TERMINAL, COPPER ALLOY, PLATING- SILVER

ELECTRICAL:

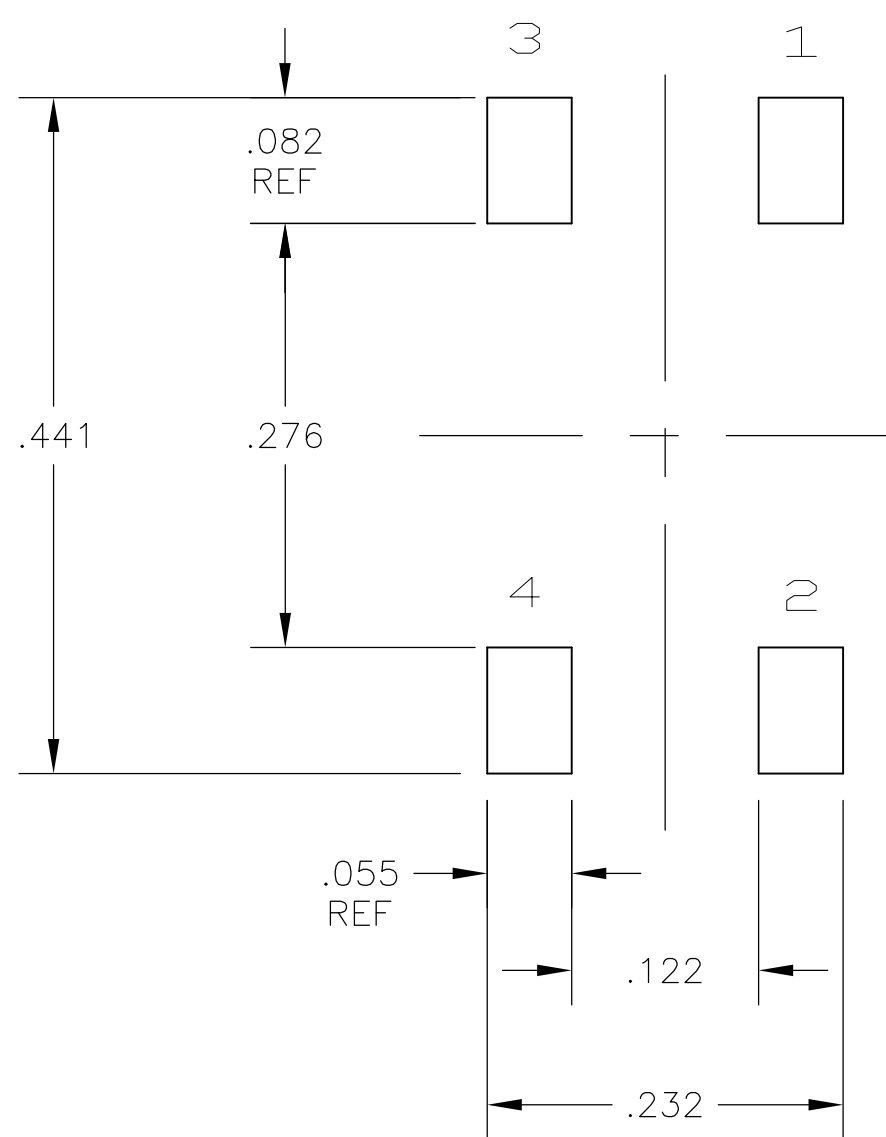
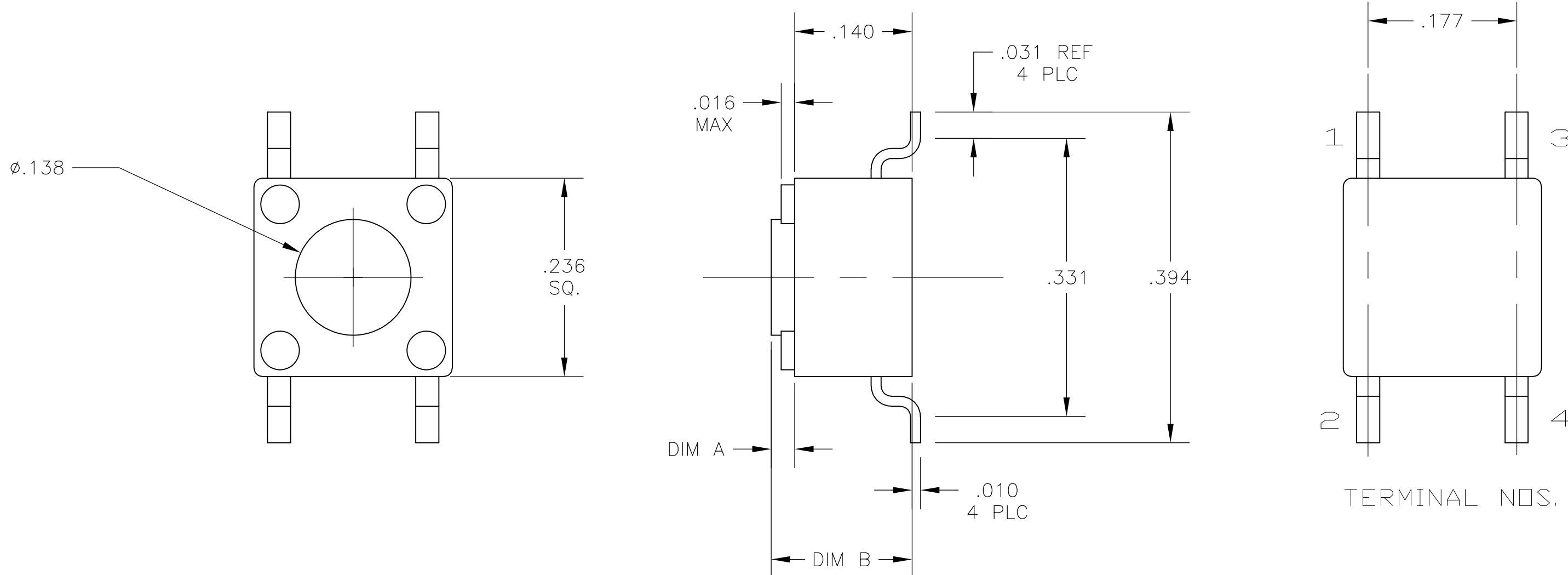
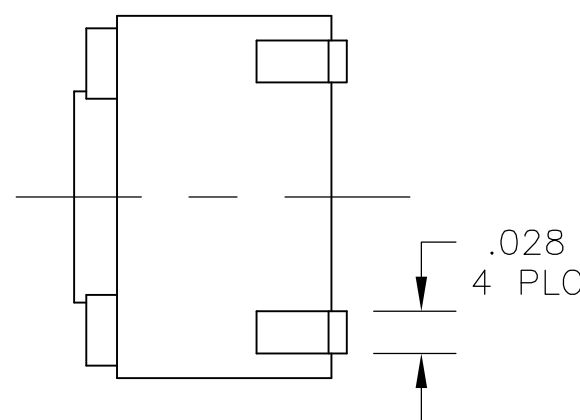
MAX. CONTACT RATING: 50MILLIAMPS@24V DC
MIN. CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION
INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION
DIELECTRIC STRENGTH, 250 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.
CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

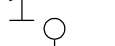
MECHANICAL:
ACTUATION FORCE, SEE TABLE
ACTUATION TRAVEL, .010 +.008/-.004
LIFE EXPECTANCY, 100,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE),
PER EIA-448 METHODS 8 AND 9
VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E
MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:
OPERATING TEMPERATURE, -35 TO +85 DEGREES C
STORAGE TEMPERATURE, -35 TO +85 DEGREES C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III
THERMAL SHOCK, PER EIA-364-32C, -40 TO +80 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 109-201 CONDITION B
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

SEALED PER IP67

PACKAGING:
TAPE AND REEL PER EIA-481, SWITCH TO HAVE ACTUATOR FACING DOWN.



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

RECOMMENDED PAD LAYOUT

TOLERANCE ± 0.002 UNLESS
OTHERWISE NOTED

BROWN		PPS	100±50 GRAMS	.169±.006	.028±.004	1571611-2
-		SILICON RUBBER	100±50 GRAMS	.169±.006	.028±.004	1571611-1
ACTUATOR COLOR		ACTUATOR MATERIAL	OPERATING FORCE	B	A	TYCO PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN. R. BROWN 25SEP03	Tyco Electronics Corporation Harrisburg, PA		
DIMENSIONS: INCHES 		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .012 4 PLC ± - ALL ANGLES ± ±		PUSHBUTTON SWITCH 6 X 6mm, SMT, SPECIAL TAPE AND REEL PACKAGING		
		PRODUCT SPEC		SIZE CASE CODE DRAWING NO. RESTRICTED TO		
		APPLICATION SPEC		A1 00779 C=1571611 -		
MATERIAL -	FINISH -	WEIGHT -	CUSTOMER DRAWING			SCALE 8:1 SHEET 1 OF 1 REV C

Mouser Electronics

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