

LOC		DIST		REVISIONS					
AD	00	P	LTR	DESCRIPTION			DATE	DWN	APVD
			D1	REVISED PER ECO-09-021400			22SEP09	HMR	MW

SPECIFICATIONS:

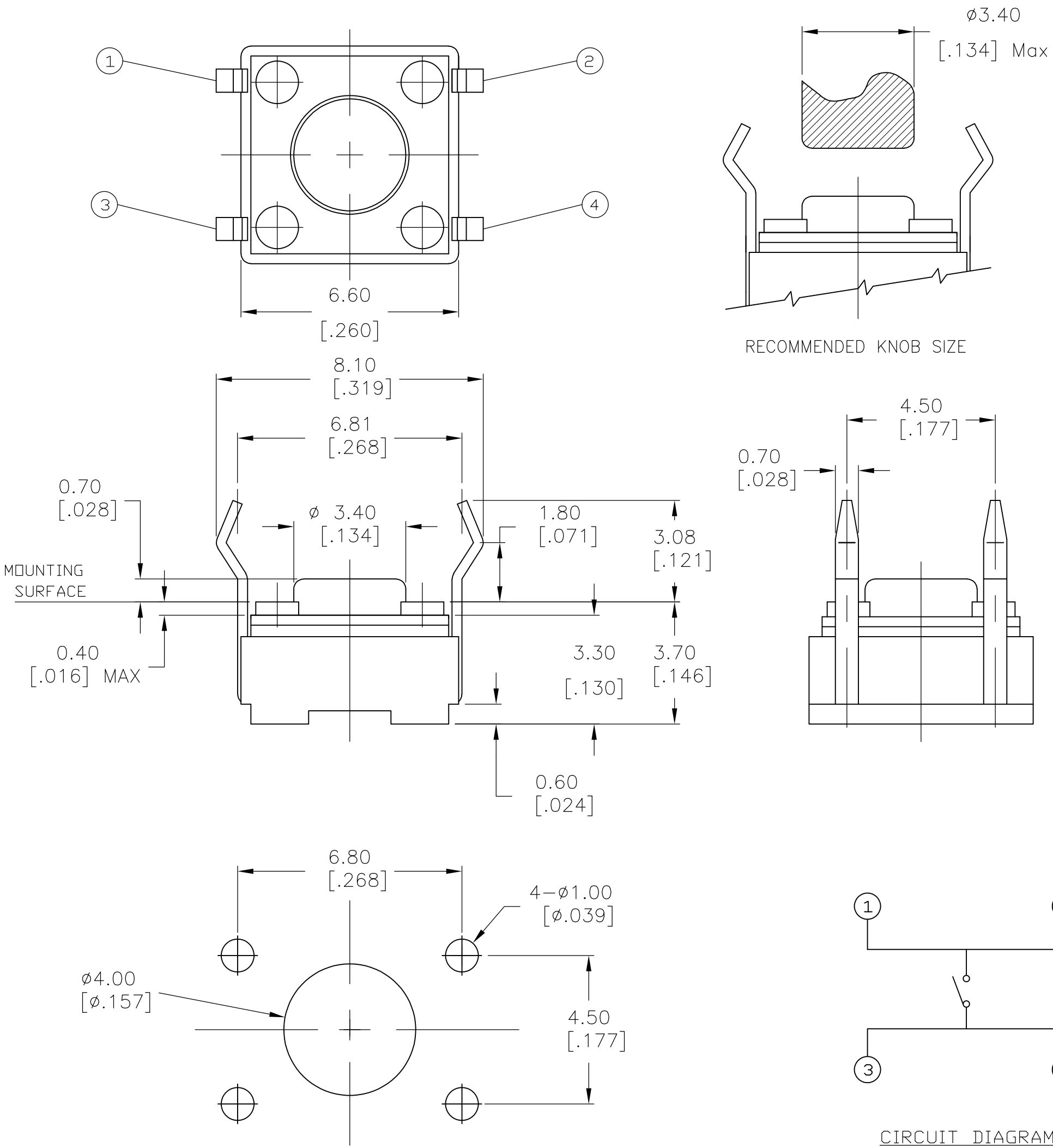
MATERIALS:
CASE, NYLON 66, UL94HB-BLACK FINISH
ACTUATOR, NYLON 66, UL94HB-RED FINISH
COVER, PET FILM
MOVING CONTACT, COPPER ALLOY, SILVER FINISH
FIXED CONTACT/TERMINAL, COPPER ALLOY, SILVER FINISH
SEAL, SILICON RUBBER, RED FINISH

ELECTRICAL:
MAX CONTACT RATING, 50MA@ 24V DC
MIN CONTACT RATING, 10MICROAMP@1V DC
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX
INSULATION RESISTANCE, 100 MEGOHM MIN
DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE

MECHANICAL:
ACTUATION FORCE, 160 +/-50GF
ACTUATION TRAVEL, 0.25 +0.20/-0.1MM
LIFE EXPECTANCY, 100,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE),

ENVIRONMENTAL:
OPERATING TEMPERATURE, -20 TO +105° C
STORAGE TEMPERATURE, -30 TO +90° C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III
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-265°C FOR 10 SECONDS
SEALING PER IP47

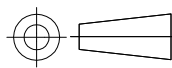
1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)



P.C.B. DIMENSION

CIRCUIT DIAGRAM

1977266-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MBINNER 04DEC2007		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK M.SARVER 04DEC07			
		APVD M.SARVER 04DEC07			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		PRODUCT SPEC		6MM SEALED TACT	
		—		—	
		APPLICATION SPEC		—	
		—		—	
		ANGLES ± —		—	
MATERIAL —		FINISH —		RESTRICTED TO —	
		WEIGHT —		A2 00779 C=1977266	
		CUSTOMER DRAWING		SCALE 8:1 SHEET 1 of 1 REV D1	