

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

SPECIFICATIONS:

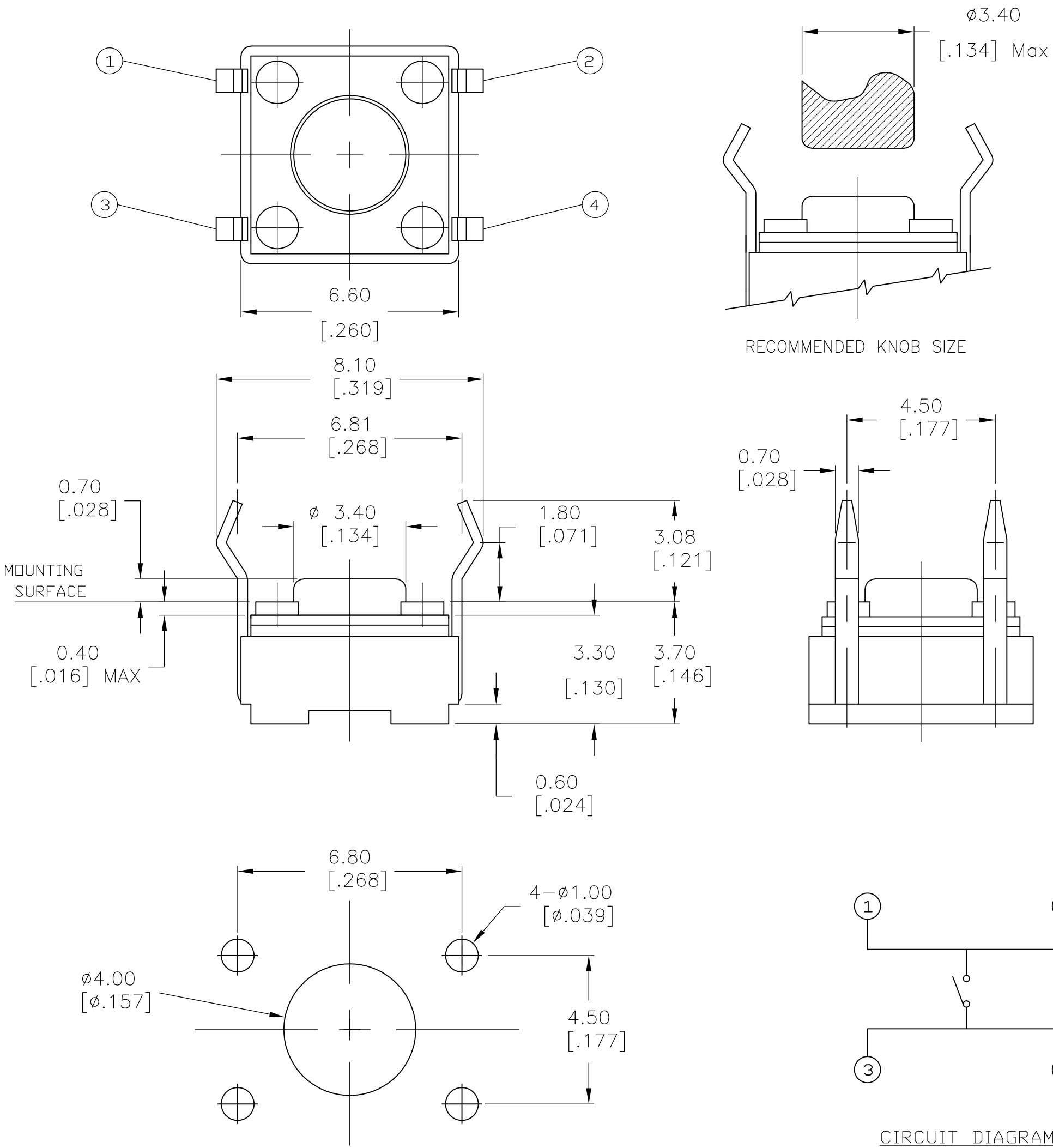
MATERIALS:
CASE, NYLON 66, UL94HB-BLACK FINISH
ACTUATOR, NYLON 66, UL94HB-RED FINISH
COVER, PET FILM
MOVING CONTACT, COPPER ALLOY, SILVER FINISH
FIXED CONTACT/TERMINAL, COPPER ALLOY, SILVER FINISH
SEAL, SILICON RUBBER, RED FINISH

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),

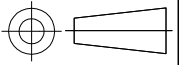
ENVIRONMENTAL:
OPERATING TEMPERATURE, -20 TO +105° C
STORAGE TEMPERATURE, -30 TO +90° C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE
RESISTANCE TO SOLDER HEAT, PER 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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MBINNER 04DEC2007	 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK M.SARVER 04DEC07		
		APVD M.SARVER 04DEC07		
		PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	6MM SEALED TACT	
0 PLC ± -		—	SIZE	RESTRICTED TO
1 PLC ± -		—	CAGE CODE	
2 PLC ± 0.30[.012]		—	DRAWING NO	
3 PLC ± -		—	SCALE	
4 PLC ± -		—	REV	
ANGLES ± -		—	8:1	1 of 1
FINISH		WEIGHT	—	D1
—		CUSTOMER DRAWING	A200719C=1977266	

1977266-1
PART NUMBER

OBsolete
NOT the LATEST
REVISION