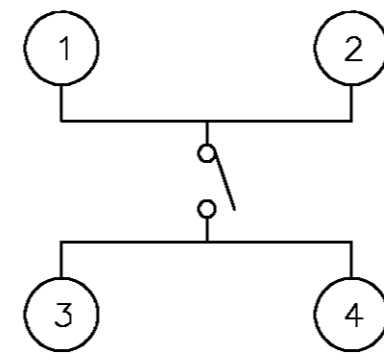
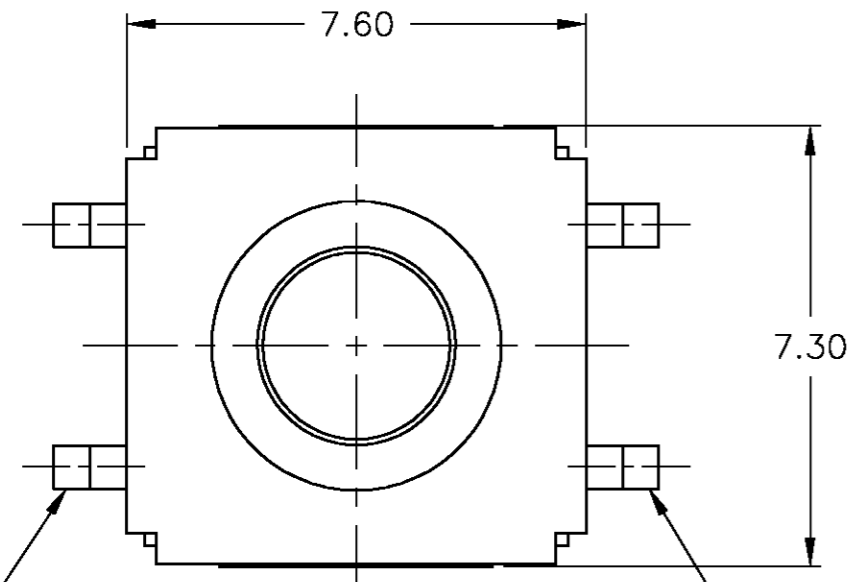


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Loc		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
AD	00	D		REV PER OG3C-0493-03	25FEB04	RB	MS



CIRCUIT DIAGRAM

SPECIFICATIONS

MATERIALS

CASE: THERMOPLASTIC, UL94V-0, BLACK
 ACTUATOR: THERMOPLASTIC, UL94V-0, BLACK
 COVER: NICKEL SILVER
 SEAL: SILICON RUBBER, BLACK
 CONTACT: STAINLESS STEEL, PLATING-SILVER
 TERMINAL: BRASS, PLATING-SILVER/NICKEL

ELECTRICAL

CONTACT RATING: 12VDC, 50mA
 INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
 INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
 DIELECTRIC STRENGTH: 250VAC PER EIA RS-186-4E
 CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

MECHANICAL

ACTUATOR OPERATING FORCE: SEE TABLE
 ACTUATOR TRAVEL: 0.35±0.2mm

DURABILITY

UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
 FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
 CONTACT BOUNCE: 20 MILLISECONDS MAX
 ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

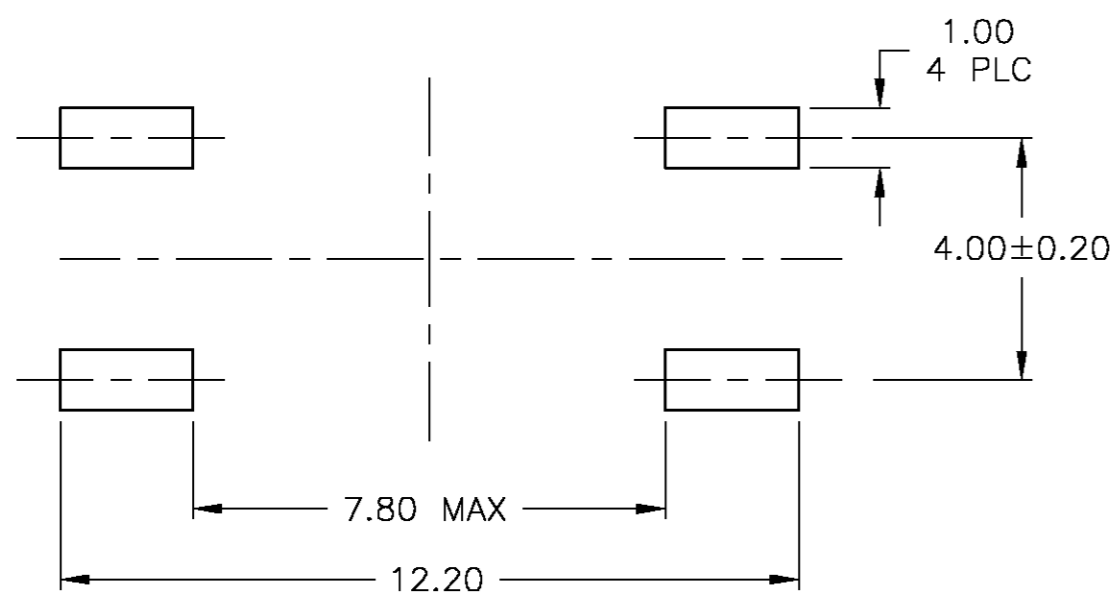
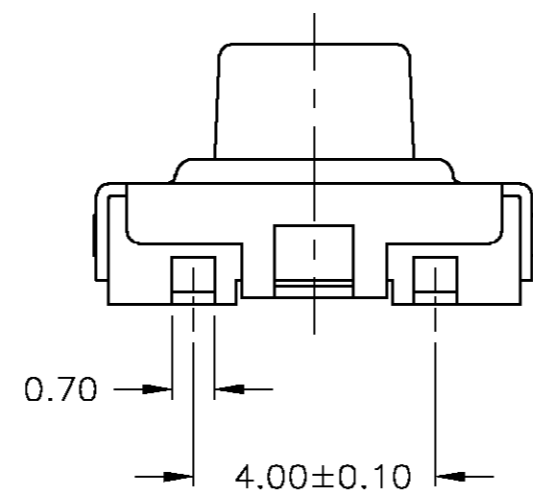
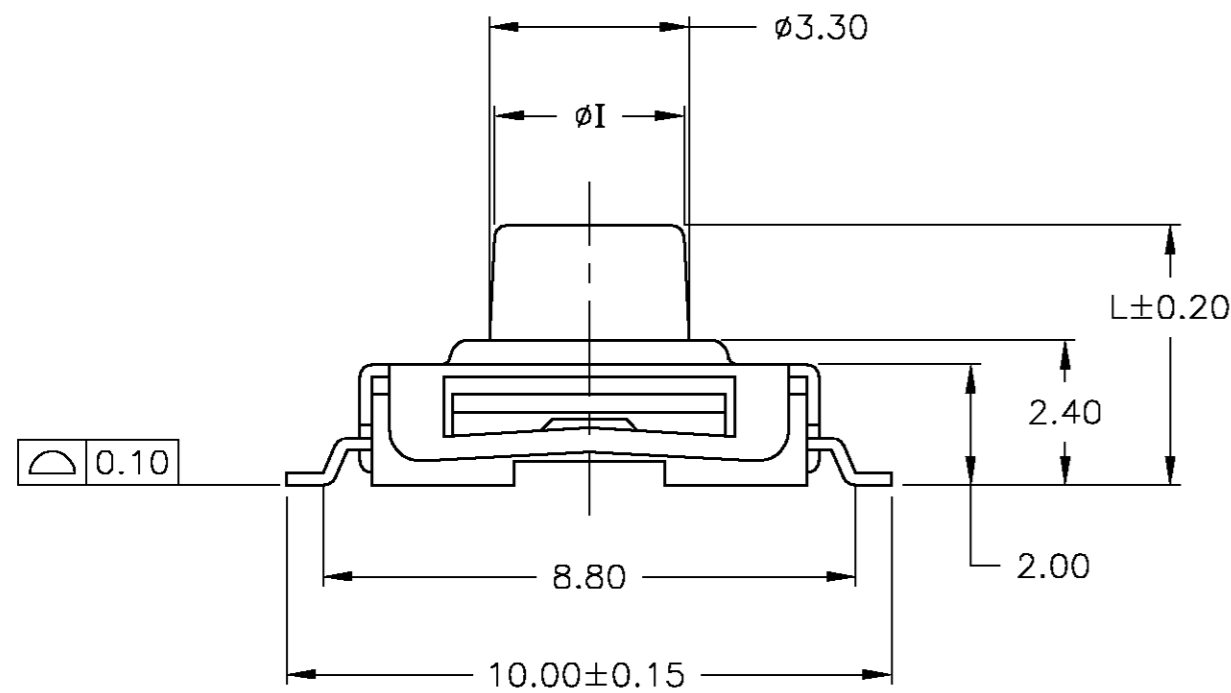
ENVIRONMENTAL

OPERATING TEMPERATURE RANGE: -20°C to +70°C, 45% - 85% RH
 STORAGE TEMPERATURE RANGE: -20°C to +70°C
 HUMIDITY: 96 HOURS PER EIA-186-1E
 INSULATION RESISTANCE: 10 MEGOHMS MIN
 DIELECTRIC STRENGTH: 250VAC
 CONTACT RESISTANCE: 100 MILLIOHMS MAX
 DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 COLD TEST: -25°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
 NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 THERMAL CYCLING: 5 CYCLES, -30°C to +85°C
 HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
 CONTACT RESISTANCE 100 MILLIOHMS MAX
 RESISTANCE TO SOLDERING HEAT:
 EIA 364-56, PROCEDURE 4, AND PROCEDURE 5, LEVEL 3
 1. NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
 2. SEALING PER IP67 - CONTACT RESISTANCE 100 MILLIOHMS MAX AND
 MIL-STD-202F, METHOD 112 (TEST CONDITION D, EXCEPT WITH FLUID
 TEMPERATURE OF 85°C±5°C AND IMMERSED FOR 60 SECONDS)

SOLDERABILITY: PER EIA RS-186-9E

1 PACKAGE ON TAPE AND REEL PER EIA-481

1	TAPE AND REEL	160±50gf	3.1	5.0	1571294-4
	-	160±50gf	3.1	5.0	1571294-3
1	TAPE AND REEL	160±50gf	3.1	4.3	1571294-2
	-	160±50gf	3.1	4.3	1571294-1
	PACKAGING	OPERATING FORCE	I	L	TYCO PART NUMBER

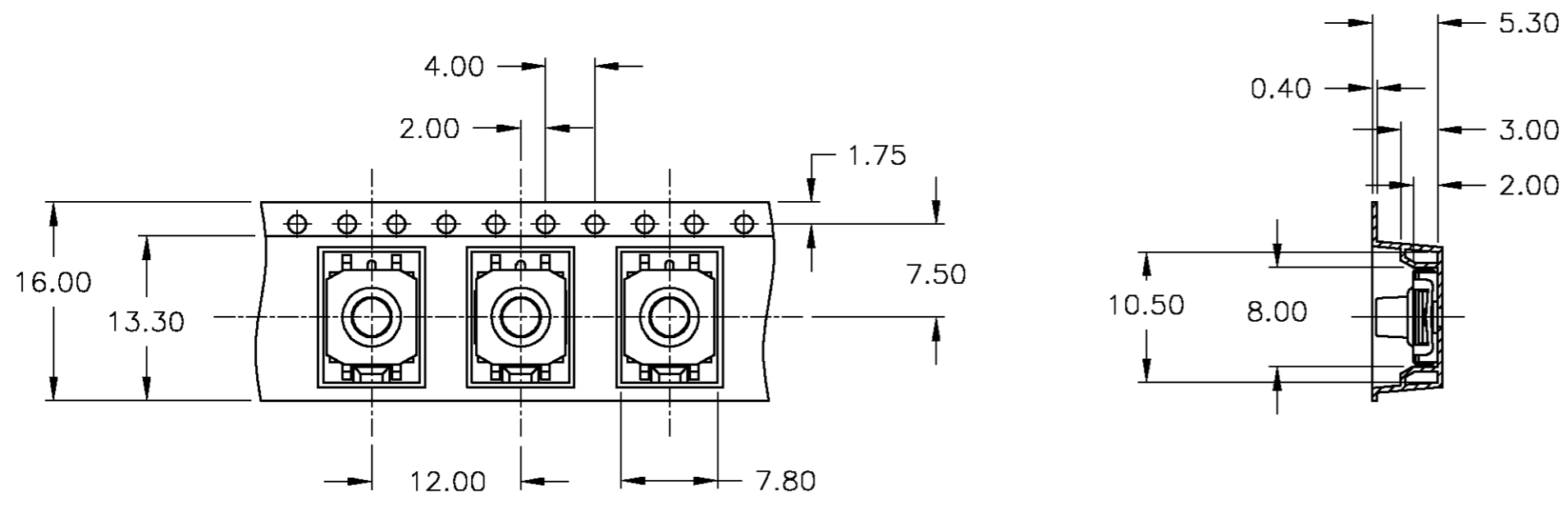


P.C.B MOUNTING SOLDER LAND DIMENSION

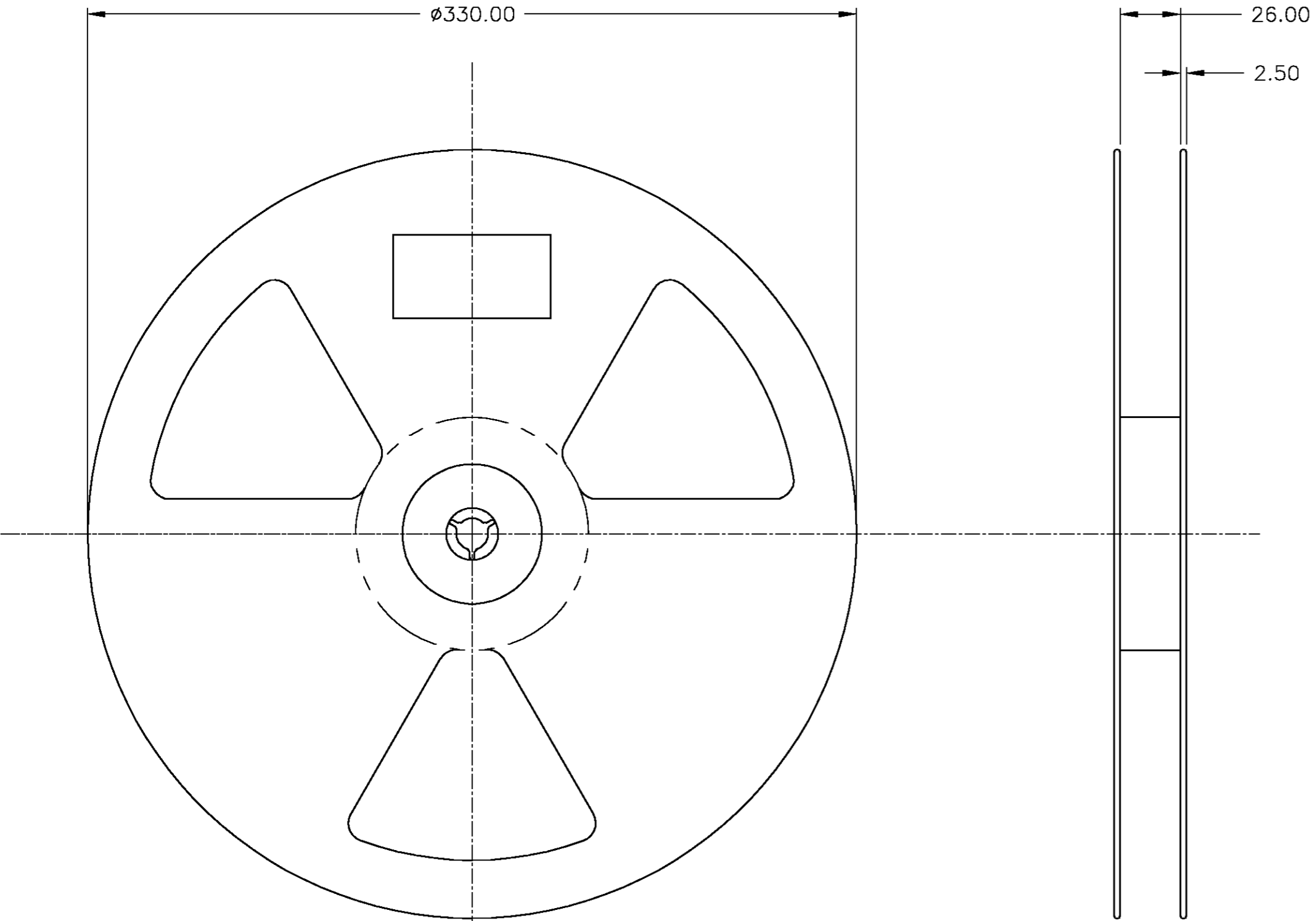
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD		NAME	
MM				09DEC02	09DEC02	Tyco Electronics Corporation	
		0 PLC	± -	R BROWN	M SARVER	Harrisburg, PA 17105	
		1 PLC	± -	M SARVER	M SARVER	SWITCH ASSEMBLY, TACTILE, 6mm SEALED, SMT	
		2 PLC	± 0.20			SIZE	CAGE CODE
		3 PLC	± -			A2	00779
		4 PLC	± -			DRAWING NO	1571294
		ANGLES	± -			RESTRICTED TO	-
		FINISH	-			SCALE	8:1
						SHEET	1 OF 2
						REV	D

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AD	00	SEE SHEET 1	-	-	-



STRIP DIMENSIONS
SCALE 2:1



REEL DIMENSIONS
SCALE 1:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R BROWN	09DEC0202	Tyco Electronics Corporation Harrisburg, PA 17105
DIMENSIONS: MM		CHK	M SARVER	09DEC02	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M SARVER	09DEC02	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.20 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		PRODUCT SPEC	NAME		
MATERIAL		APPLICATION SPEC		SWITCH ASSEMBLY, TACTILE, 6mm, SEALED, SMT	
		WEIGHT	-		SIZE
		CUSTOMER DRAWING		SCALE	8:1
		CAGE CODE		00779	DRAWING NO
		DRAWING NO		C=1571294	RESTRICTED TO
		SHEET		2	OF
		REV		2	D