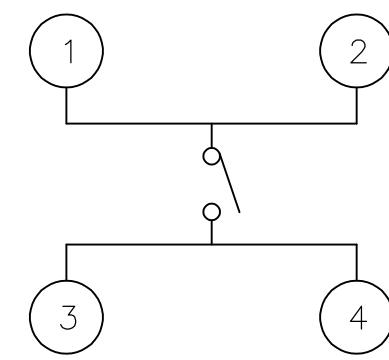
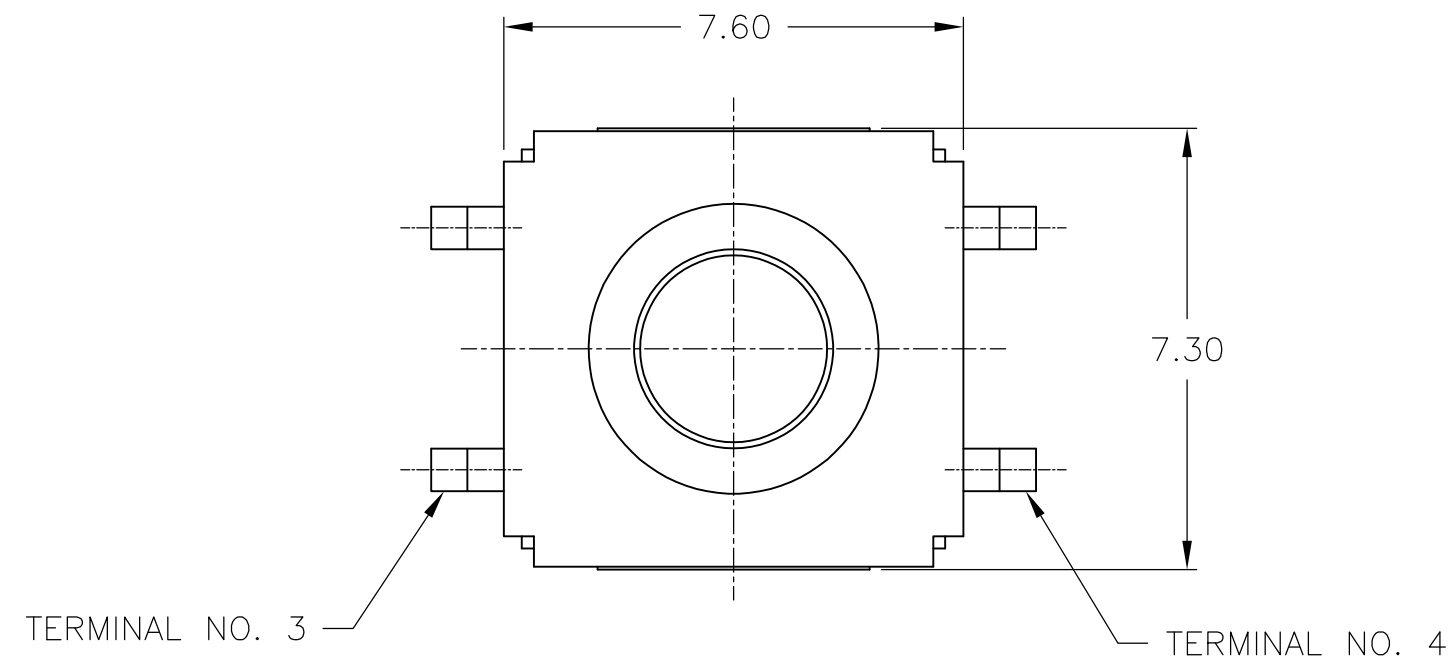
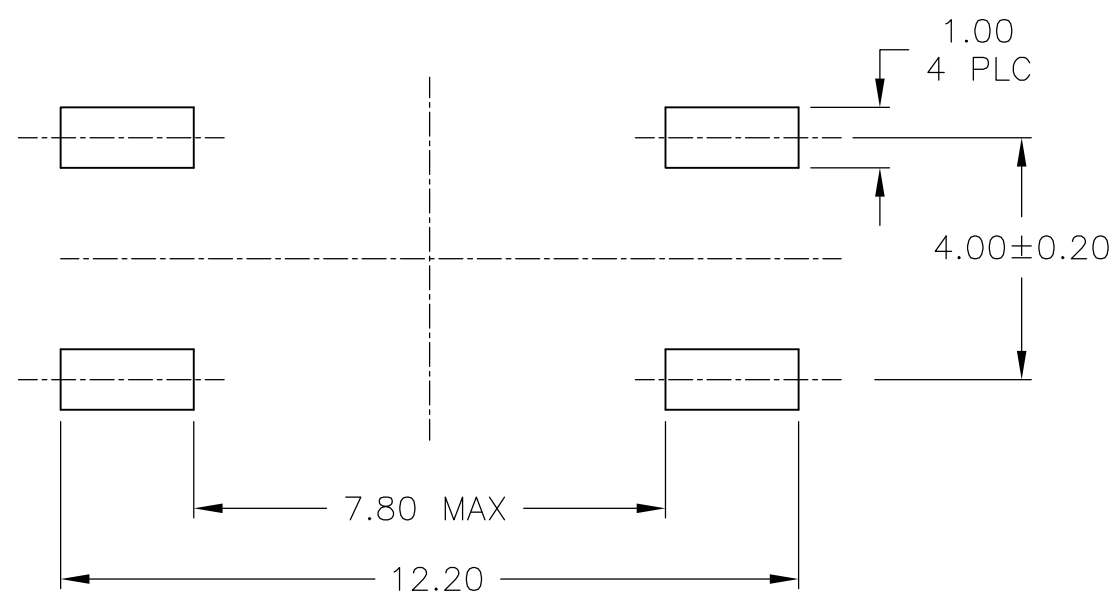
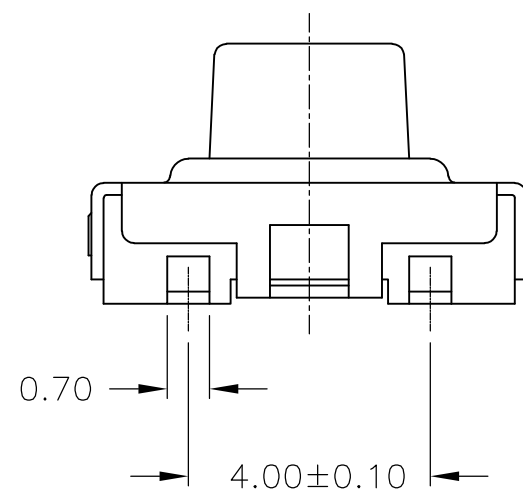
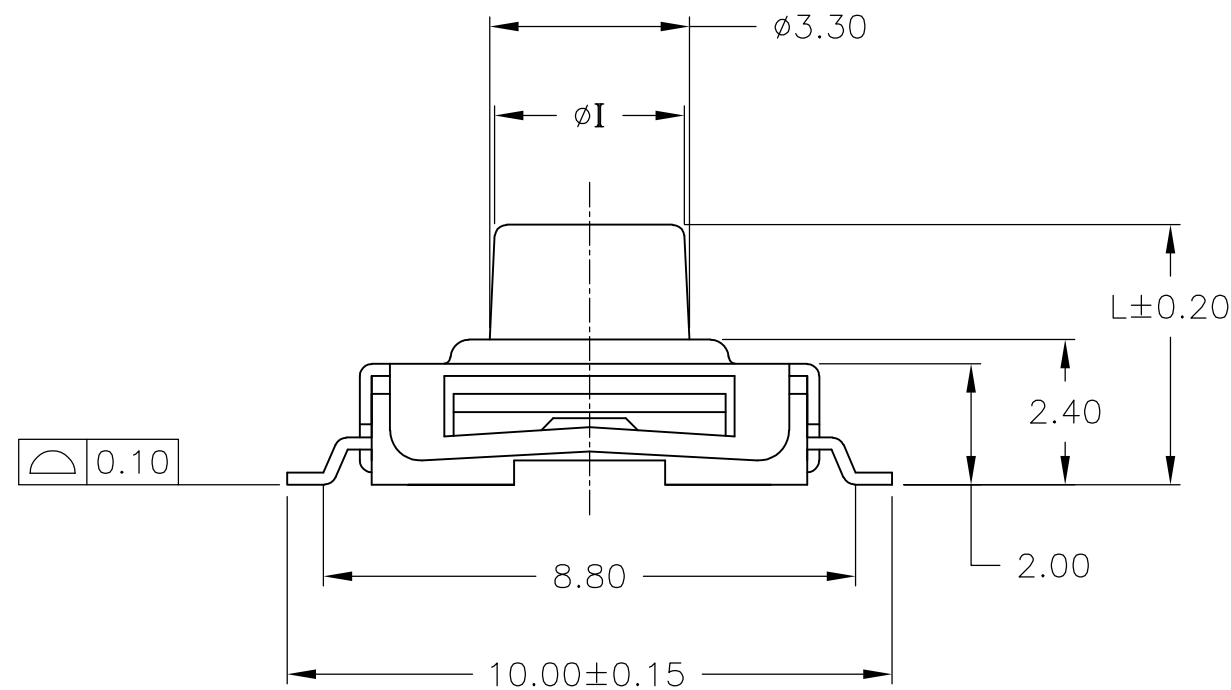




CIRCUIT DIAGRAM



P.C.B MOUNTING SOLDER LAND DIMENSION

SPECIFICATIONS

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			G3	REVISED PER ECO-11-005027	11MAR11	RK	HMR

MATERIALS

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

ELECTRICAL

MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
INSULATION RESITANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
DIELECTRIC STRENGTH: 500 VAC 50/60 HZ FOR 1 MINUTE
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 $\pm 30\%$ OF INITIAL VALUE

ENVIRONMENTAL

OPERATING TEMPERATURE RANGE: -35°C to +85°C
STORAGE TEMPERATURE RANGE: -35°C to +85°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: -35°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
THERMAL CYCLING: 5 CYCLES, -35°C to +85°C
HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
CONTACT RESISTANCE 100 MILLIOHMS MAX
RESISTANCE TO SOLDERING HEAT PER 109-201, COND B

SEALING PER IP67

SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2

NOTES:

1. PARTS TO BE PACKAGED ON TAPE AND REEL PER EIA-481
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
3. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	T&R	Blue	260 +/-50gf	3.10mm	4.50mm	1571294-8
	T&R	Ivory	160 +/-50gf	3.10mm	4.50mm	1571294-7
	 T&R	RED	260 +/-50gf	3.10mm	4.30mm	1571294-6
OBSOLETE	BULK	RED	260 +/-50gf	3.10mm	4.30mm	1571294-5
	T&R	Black	160 +/-50gf	3.10mm	5.00mm	1571294-4
	BULK	Black	160 +/-50gf	3.10mm	5.00mm	1571294-3
	T&R	Black	160 +/-50gf	3.10mm	4.30mm	1571294-2
	BULK	Black	160 +/-50gf	3.10mm	4.30mm	1571294-1
	Packaging	Actuator Color	Operating force	DIM I	Dim L	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	09DEC02		 TE Connectivity						
		CHK M SARVER	09DEC02								
		APVD M SARVER	09DEC02								
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SWITCH ASSEMBLY, TACTILE, 6mm SEALED, SMT							
		PRODUCT SPEC —									
		APPLICATION SPEC —									
				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
MATERIAL —		FINISH —		WEIGHT —		A200779	C-1571294	—			
CUSTOMER DRAWING						SCALE	8:1	SHEET	1 OF 1	REV	G3