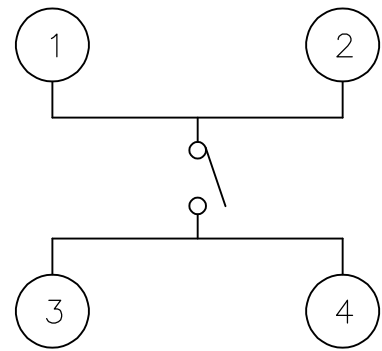
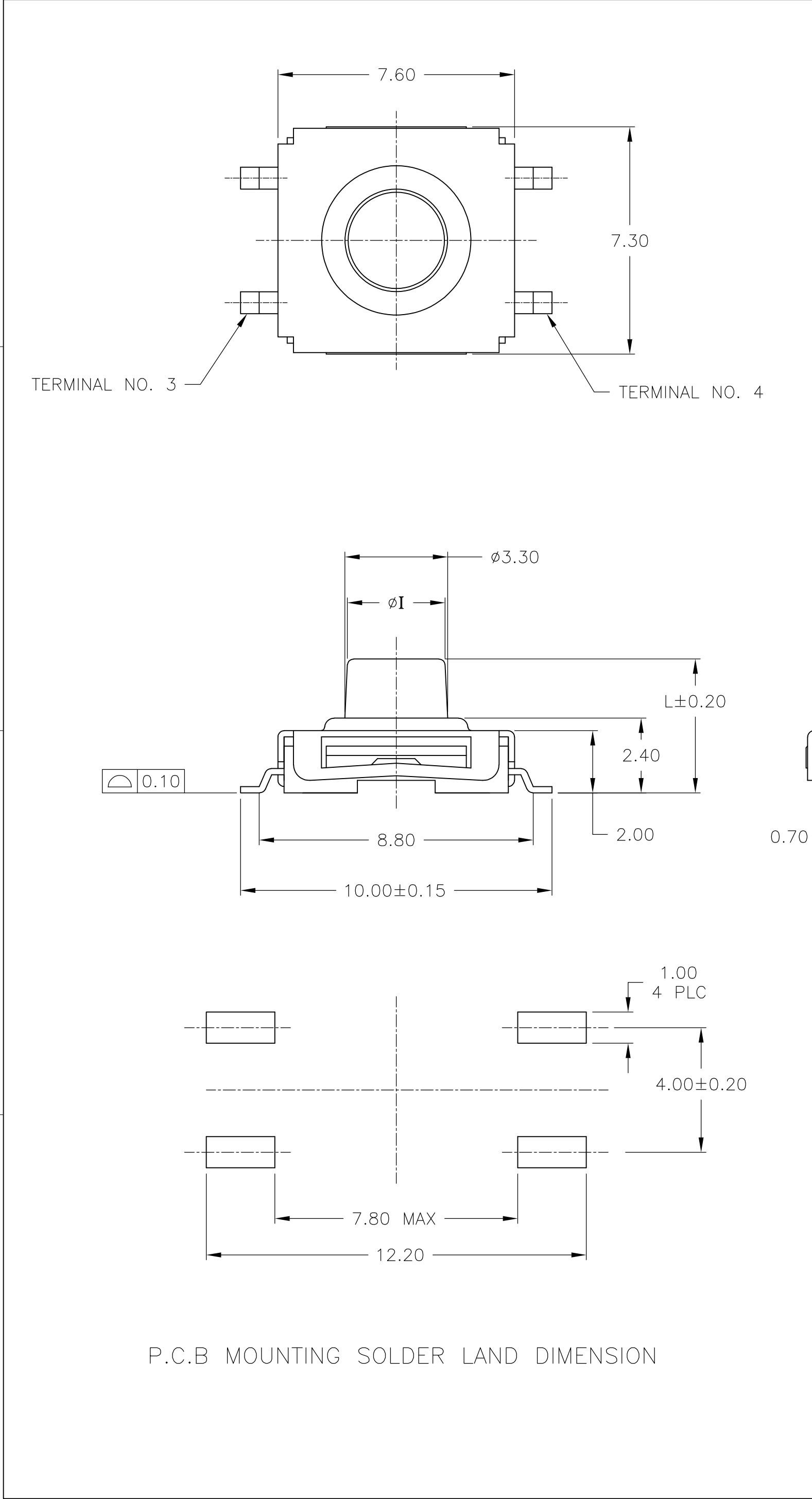




CIRCUIT DIAGRAM

SPECIFICATIONS

LOCADDIST00

REVISIONS

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 ±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

1	T&R	Blue	260 +/-50gf	3.10mm	4.50mm	1571294-8
1	T&R	Ivory	160 +/-50gf	3.10mm	4.50mm	1571294-7
3	1	T&R	RED	260 +/-50gf	3.10mm	1571294-6
OBSOLETE	BULK	RED	260 +/-50gf	3.10mm	4.30mm	1571294-5
1	T&R	Black	160 +/-50gf	3.10mm	5.00mm	1571294-4
	BULK	Black	160 +/-50gf	3.10mm	5.00mm	1571294-3
1	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		
DIMENSIONS: mm			CHK M SARVER 09DEC02			
			APVD M SARVER 09DEC02	NAME		
			PRODUCT SPEC	SWITCH ASSEMBLY, TACTILE, 6mm SEALED, SMT		
TOLERANCES UNLESS OTHERWISE SPECIFIED:			APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
0 PLC ± - 1 PLC ± - 2 PLC ± 0.30 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH			—	A2	00779	C=1571294
MATERIAL			WEIGHT	—	—	—
CUSTOMER DRAWING				SCALE	SHEET	REV
				8:1	1 of 1	G3

Authorized Distribution Brand :



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