

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G5	REVISED PER ECO-17-002273	10OCT2017	RK	AS

SPECIFICATIONS

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

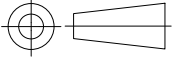
SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2

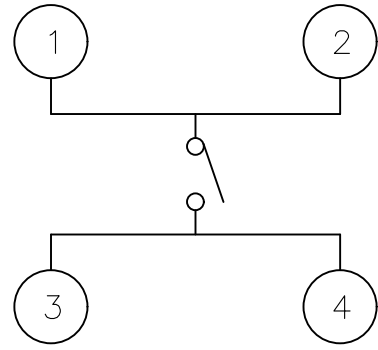
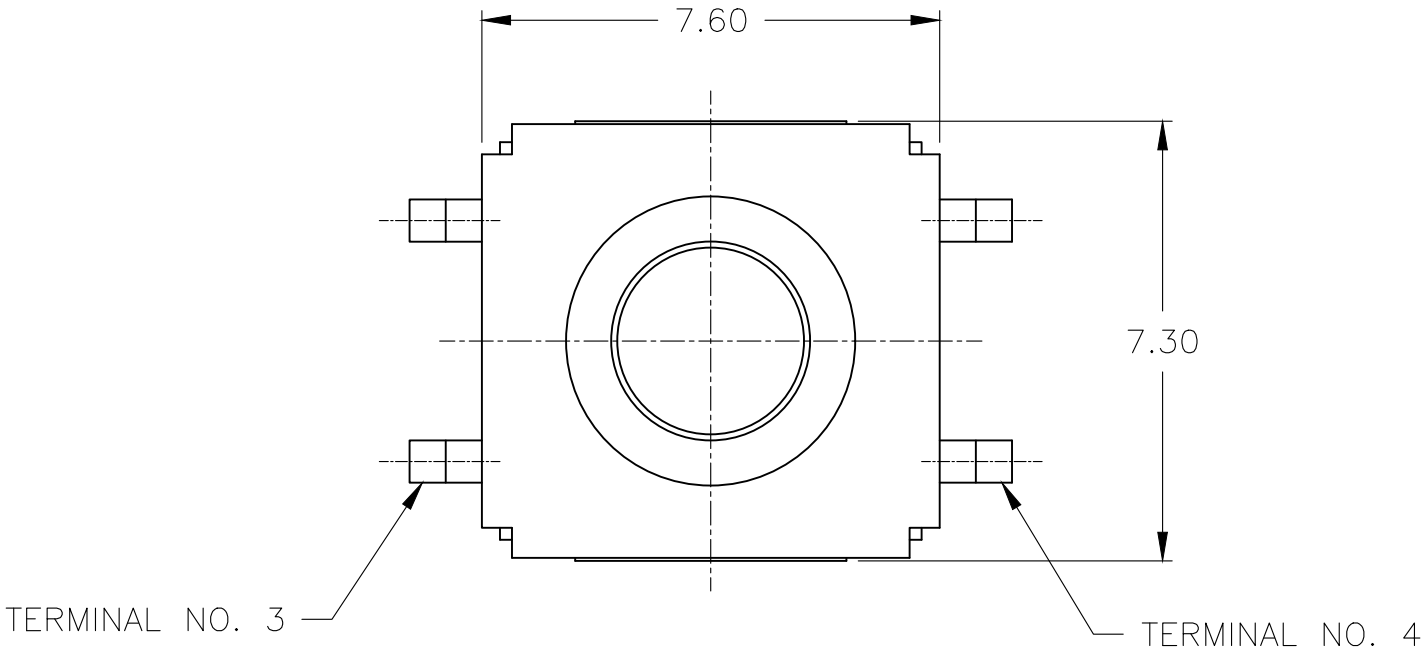
- 1

PARTS TO BE PACKAGED ON TAPE AND REEL PER EIA-481
- 2

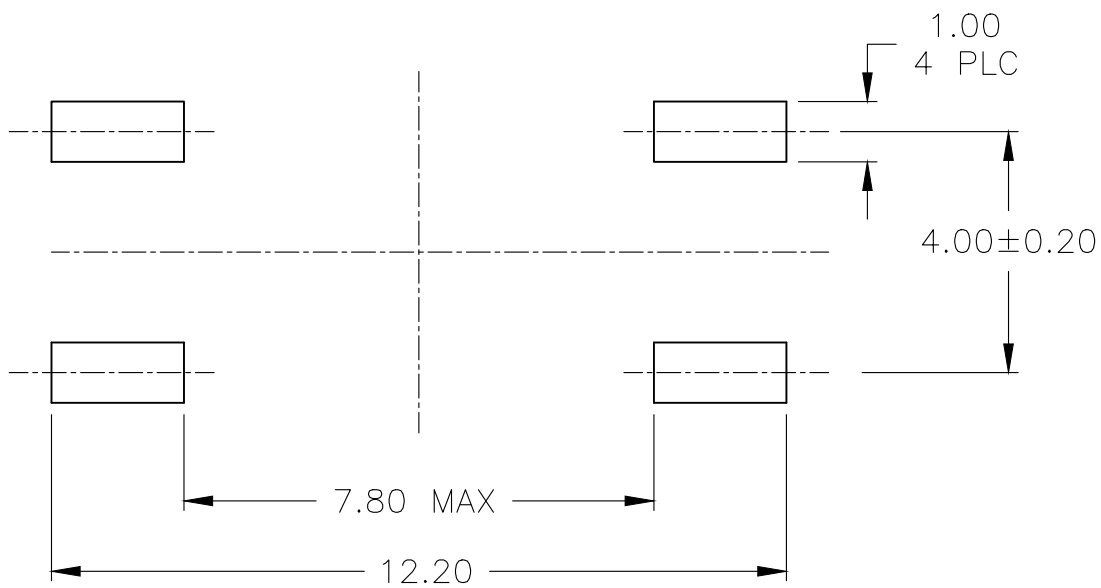
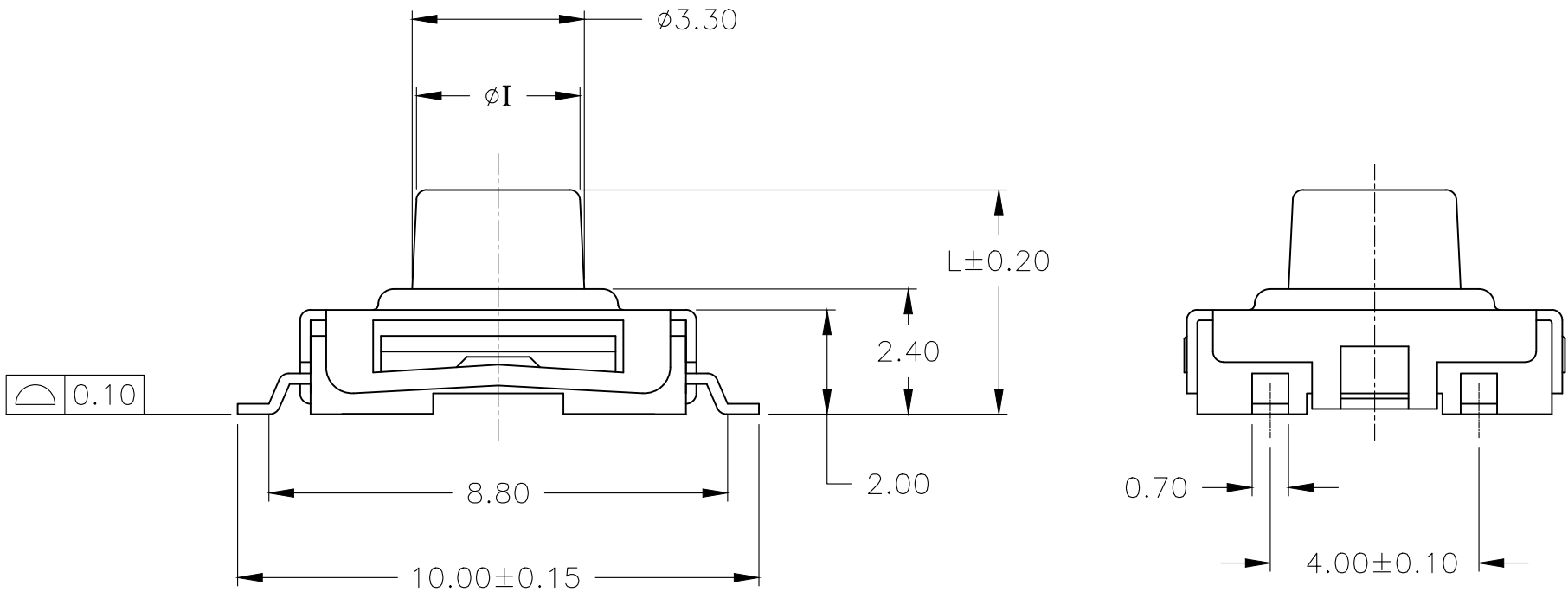
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

1	OBSOLETE	1	T&R	Blue	260 +/-50gf	3.10mm	4.50mm	1571294-8
		1	T&R	Ivory	160 +/-50gf	3.10mm	4.50mm	1571294-7
		T&R	RED	260 +/-50gf	3.10mm	4.30mm	1571294-6	
		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 SWITCH ASSEMBLY, TACTILE, 6mm SEALED, SMT		
			PRODUCT SPEC			
MATERIAL -			APPLICATION SPEC	SIZE A2		
			FINISH -	CAGE CODE 00779		
			WEIGHT 0.000000	DRAWING NO 1571294		
			CUSTOMER DRAWING		RESTRICTED TO -	
			SCALE 8:1	SHEET 1 of 1	REV G5	



CIRCUIT DIAGRAM



P.C.B MOUNTING SOLDER LAND DIMENSION