

SPECIFICATIONS

CASE: THERMOPLASTIC, UL94V-0, BLACK
ACTUATOR: THERMOPLASTIC, UL94V-0, COLOR: SEE P/N TABLE
COVER: STAINLESS STEEL
SEAL: SILICON RUBBER, BLACK
CONTACT: STAINLESS STEEL, SILVER FINISH
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER FINISH

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
CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

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

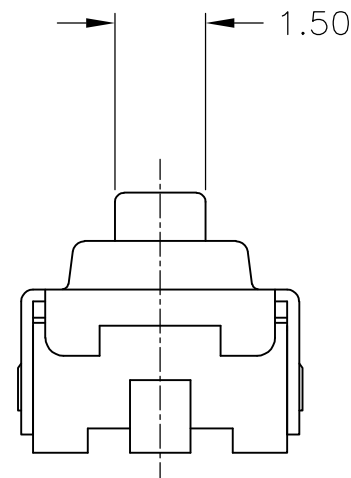
UP TO 50,000 CYCLES (130 GF) OR 40,000 CYCLES (260 GF)
AT RATED LOAD PER EIA-RS-448, METHOD 8
FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
CONTACT BOUNCE: 20 MILLISECONDS MAX
ACTUATOR FORCE: WITHIN $\pm 30\%$ OF INITIAL VALUE

OPERATING TEMPERATURE RANGE: -35°C to $+85^{\circ}\text{C}$
STORAGE TEMPERATURE RANGE: -35°C to $+85^{\circ}\text{C}$
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 $+85^{\circ}\text{C}$
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 RS-186-9E

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| 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) |



P.C.B MOUNTING SOLDER LAND DIMENSION

OBSOLETE	TAPE AND REEL	IVORY	40,000	260±50gf	4.30	1571299-6 
	BULK	IVORY	40,000	260±50gf	4.30	1571299-5
OBSOLETE	TAPE AND REEL	BLACK	50,000	130±50gf	5.00	1571299-4 
	BULK	BLACK	50,000	130±50gf	5.00	1571299-3
	TAPE AND REEL	BLACK	50,000	130±50gf	4.30	1571299-2 
	BULK	BLACK	50,000	130±50gf	4.30	1571299-1
	PACKAGING	ACTUATOR COLOR	CYCLE LIFE	OPERATING FORCE	DIM L	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN R BROWN		24APR02		 TE Connectivity								
			CHK H WYNKOOP		24APR02										
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H WYNKOOP		24APR02		NAME							
		0 PLC ± -		PRODUCT SPEC		SWITCH ASSEMBLY, TACTILE, 4.7 X 6.8 SEALED, SMT, J-LEAD									
		1 PLC ± -		—											
		2 PLC ± 0.30		APPLICATION SPEC											
		3 PLC ± -		—											
		4 PLC ± -				SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
MATERIAL		FINISH		WEIGHT		A2		00779		C-1571299		—			
-		-		0											
CUSTOMER DRAWING										SCALE		SHEET		REV	
										8:1		1 OF 1		H3	