

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		H2	REVISED PER ECO-15-015403	27OCT2015	NK	RH

SPECIFICATIONS

MATERIALS

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

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 RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
DIELECTRIC STRENGTH: 500 VAC
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 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 ±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

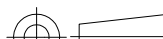
SOLDERABILITY: PER EIA RS-186-9E

- 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	TAPE AND REEL	IVORY	40,000	260±50gf	4.30	1571299-6
	BULK	IVORY	40,000	260±50gf	4.30	1571299-5
1	TAPE AND REEL	BLACK	50,000	130±50gf	5.00	1571299-4
	BULK	BLACK	50,000	130±50gf	5.00	1571299-3
1	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 SWITCH ASSEMBLY, TACTILE, 4.7 X 6.8 SEALED, SMT, J-LEAD	
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.30 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC —			
		APPLICATION SPEC —		SIZE A2			
MATERIAL —		FINISH —		WEIGHT —		CAGE CODE 00779	
				CUSTOMER DRAWING		DRAWING NO C=1571299	
						RESTRICTED TO —	
						SCALE 8:1	
						SHEET 1 of 1	
						REV H2	

D

C

B

A

D

C

B

A