

1

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E2	REVISED PER ECO-15-015403	27OCT2015	NK	RH

SPECIFICATIONS

MATERIALS

CASE: THERMOPLASTIC, UL94V-0, BLACK
ACTUATOR: THERMOPLASTIC, UL94V-0, BLACK
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: 250VAC PER EIA RS-186-4E
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

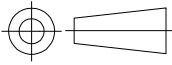
ENVIRONMENTAL

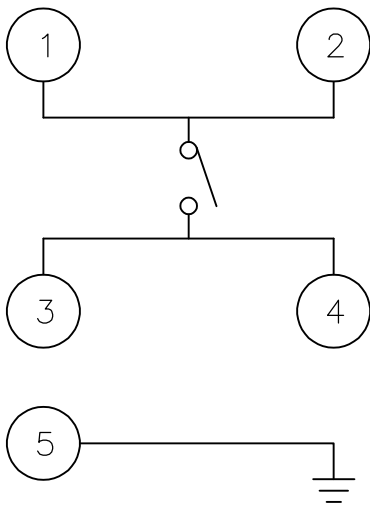
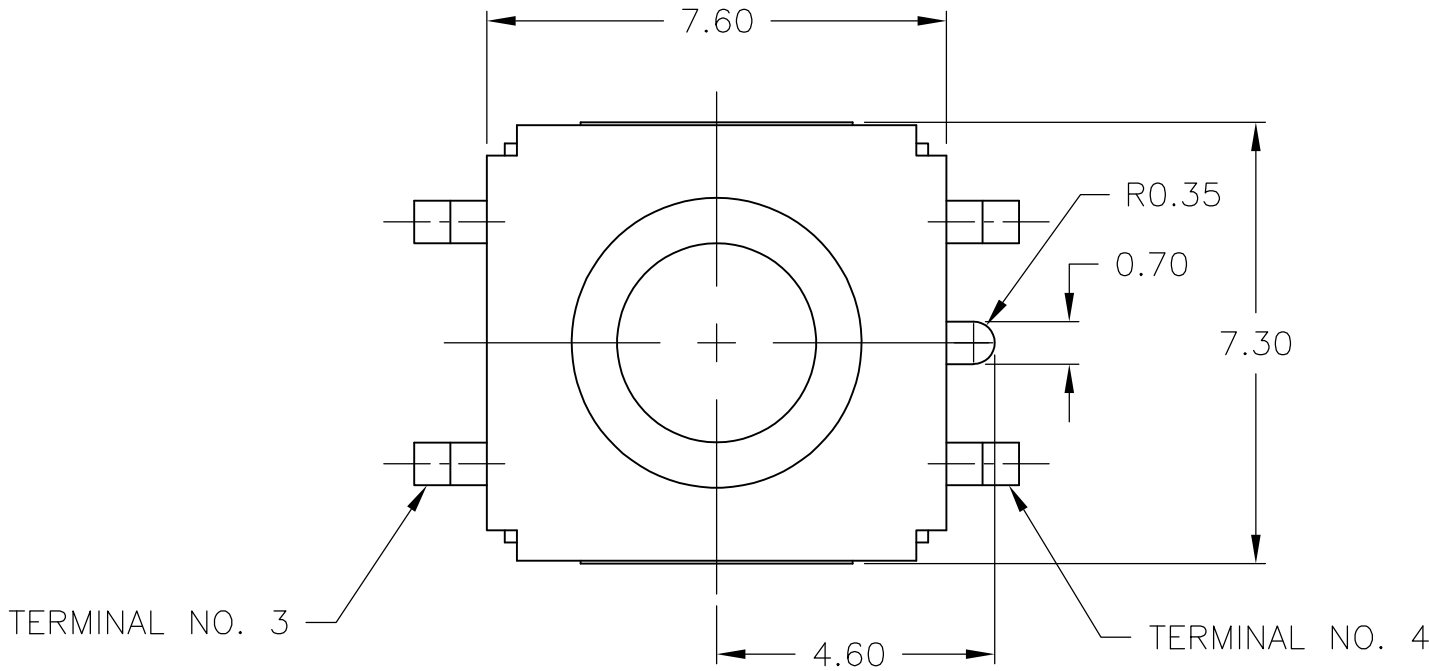
OPERATING TEMPERATURE RANGE: -35°C to +85°C, 45% - 85% RH
STORAGE TEMPERATURE RANGE: -35°C to +85°C
HUMIDITY: 96 HOURS PER EIA-186-1E
INSULATION RESISTANCE: 10 MEGOHMS MIN
DIELECTRIC STRENGTH: 250VAC
CONTACT RESISTANCE: 100 MILLIOHMS MAX
DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
COLD TEST: -25°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
THERMAL CYCLING: 5 CYCLES, -30°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

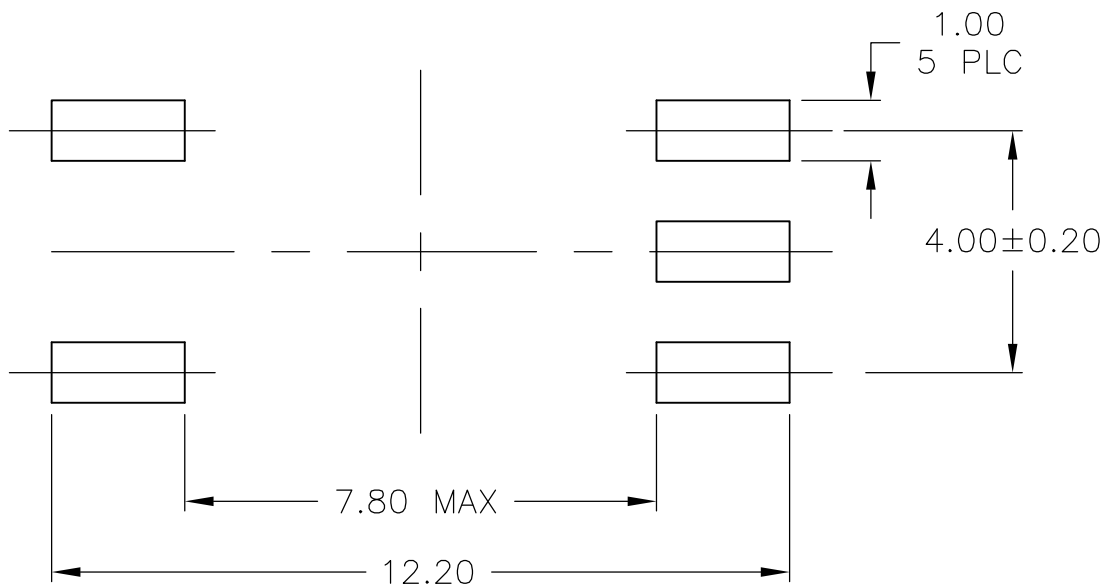
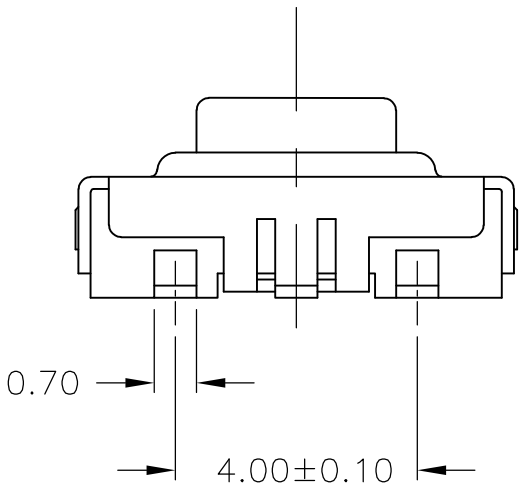
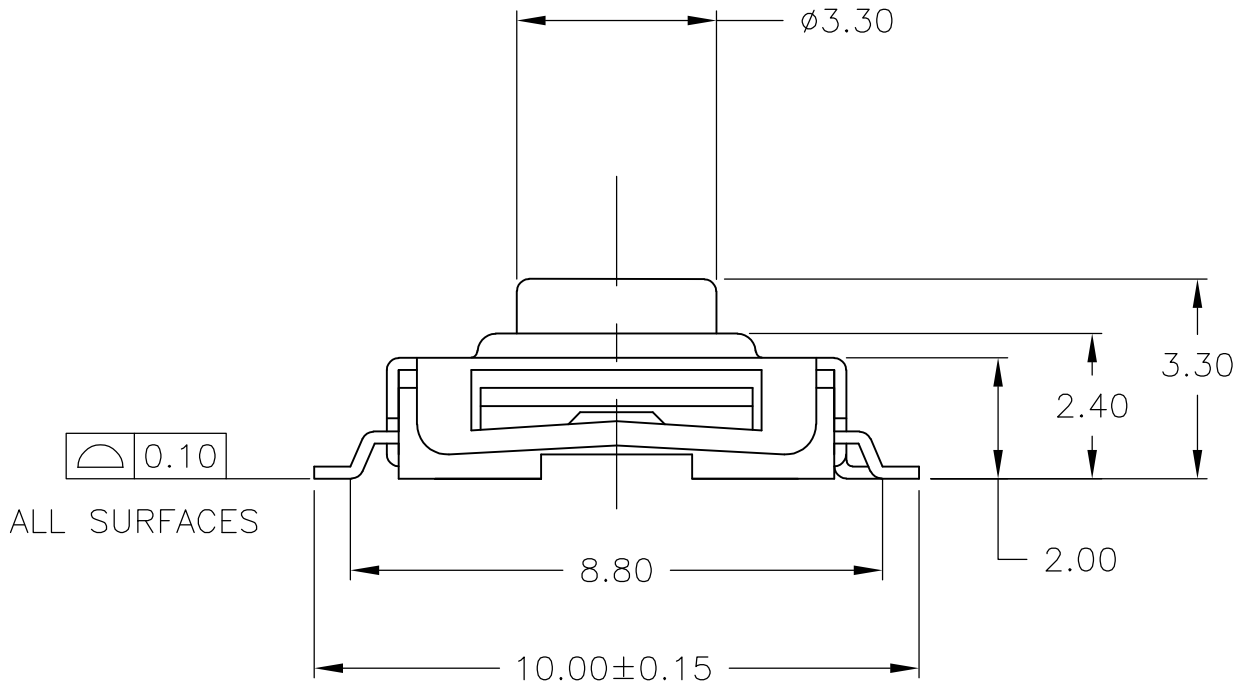
- 1 PACKAGE ON TAPE AND REEL PER EIA-481
- 2 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

1 TAPE AND REEL	160±50gf	1571296-2
BULK	160±50gf	1571296-1
PACKAGING	OPERATING FORCE	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	24APR02	 TE Connectivity		
DIMENSIONS: mm		CHK H WYNKOOP	24APR02	NAME		
		APVD H WYNKOOP	24APR02	SWITCH ASSEMBLY, TACTILE, 6mm SEALED, SMT		
		PRODUCT SPEC		SIZE A2		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		CAGE CODE 00779		DRAWING NO 1571296
MATERIAL -		WEIGHT -		RESTRICTED TO -		
FINISH -		CUSTOMER DRAWING		SCALE 8:1	SHEET 1 OF 1	REV E2



CIRCUIT DIAGRAM



P.C.B MOUNTING SOLDER LAND DIMENSION