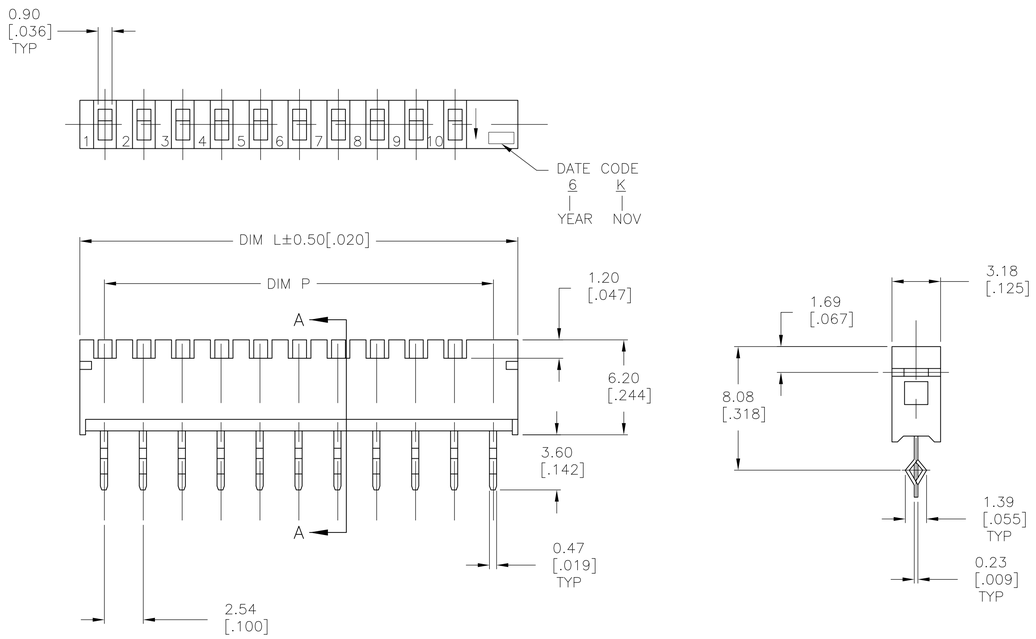
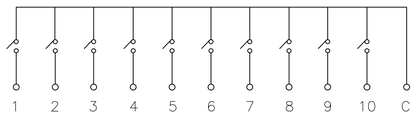
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	REVISED PER ECO-08-023819	25SEP08	HMR	MS
	C	REVISED PER ECO-17-001607	16MAY2017	RK	PO





CIRCUIT DIAGRAM



P.C.LAYOUT

SPECIFICATIONS

MATERIALS:
CASE, PPS UL94V–0, BLACK
COVER, PBT UL94V–0, BLACK
ACTUATOR, 46 NYLON UL94V– 0, WHITE
TERMINAL/FIXED CONTACT–COPPER ALLOY– GOLD OVER NICKEL PLATE
MOVING CONTACT–COPPER ALLOY– GOLD FLASH OVER NICKEL PLATE

ELECTRICAL:
RATING– 1a max non–switching
0.1µA (1mV) min switching
DC 5V 10mA
INITIAL CONTACT RESISTANCE– 50milliohm max. (300 milliohms after test)
INSULATION RESISTANCE– 100Megohms min. at 100V DC
DIELECTRIC STRENGTH– 300V RMS@SEA LEVEL
LIFE EXPECTANCY– 1,000 CYCLES

MECHANICAL:
ACTUATION FORCE– 2.45 +/–1.47N (245 +/–147 GF)
TRAVEL– 33°

ENVIRONMENTAL:
OPERATING TEMPERATURE– –30 TO +85 DEGREES C
STORAGE TEMPERATURE– –45 TO +100 DEGREES C
RESISTANCE TO SOLDER HEAT– 265 +/–3°C for 8 +/–2 seconds
SOLDERABILITY PER JIS–C–0050 & JIS–C–0053

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

2 SWITCH SUPPLIED IN THE "OFF" POSITION AND SHOULD BE SOLDERED IN THE "OFF" POSITION.

KINKED TERMINALS	DIM P	DIM L	T&B P/N	PART NUMBER
OBSOLETE	1, 2, 10 & C	25.40 (1.000)	28.60 (1.126)	STV10	1977104–5
	1, 2, 8, & C	20.32 (.800)	23.52 (.926)	STV08	1977104–4
	1, 2, 6 & C	15.24 (.600)	18.44 (.726)	STV06	1977104–3
	ALL	10.16 (.400)	13.36 (.526)	STV04	1977104–2
	ALL	5.08 (.200)	8.28 (.326)	STV02	1977104–1

THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.30[.012]
3 PLC ± –
4 PLC ± –
ANGLES ± –
MATERIAL SEE SPECIFICATIONS
FINISH –
DWN M.BINNER 16MAY07
CHK M. S. SARVER –
APVD – –
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —
CUSTOMER DRAWING
TE Connectivity
NAME SIP SWITCH (STV02 – 10 SERIES) –
SIZE A1 | CAGE CODE 00779 | DRAWING NO C-1977104 | RESTRICTED TO —
SCALE 5:1 | SHEET 1 OF 1 | REV C

4805 (1/15)