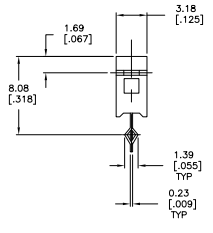
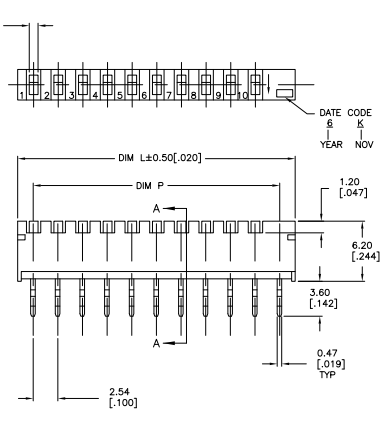


REV	DATE	DESCRIPTION	BY	CHK
AD	00			
6		REVISED PER ECO-08-023819		



SPECIFICATIONS

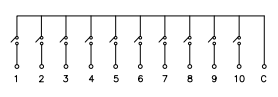
MATERIALS:
CASE, PPS UL94V-0, BLACK
COVER, PBT UL94V-0, BLACK
ACTUATOR, 46 NYLON UL94V-0, WHITE
TERMINAL/FIXED CONTACT-COPPER ALLOY- GOLD OVER NICKEL PLATE
MOVING CONTACT-COPPER ALLOY- GOLD FLASH OVER NICKEL PLATE

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

MECHANICAL:
ACTUATION FORCE- 2.45 +/-1.47N (245 +/-147 GF)
TRAVEL- 3°

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

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC (ROHS)
- SWITCH SUPPLIED IN THE "OFF" POSITION AND SHOULD BE SOLDERED IN THE "OFF" POSITION.



CIRCUIT DIAGRAM



P.C.LAYOUT

TERMINALS	STV	STV	T&B P/N	PART NUMBER
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. IN REVISION: 00

DESIGNED BY: S. S. SAEVIER

DATE: 10/07/99

PROJECT: SPS SWITCH (STV02 - 10 SERIES)

DATE: 10/07/99

DRAWING NO: A100779

CUSTOMER DRAWING

REV: 5.1

REV: 1

REV: B