



CIRCUIT DIAGRAM

SPECIFICATIONS:

MATERIALS:
 BASE: PPS UL94V-0, BLACK
 COVER: PPS UL94V-0, BLACK
 ACTUATOR: 4/6 NYLON UL94V-0, WHITE
 MOVING CONTACT: COPPER ALLOY, GOLD OVER NICKEL
 FIXED CONTACT/TERMINAL: COPPER ALLOY, GOLD OVER NICKEL

ELECTRICAL:
 CONTACT RATING: .4VA@20V DC MAX
 CONTACT RESISTANCE: 50 MILLIOHMS MAX
 INSULATION RESISTANCE: 100 MEGOHMS MIN AT 100V DC
 DIELECTRIC STRENGTH: 500V AC RMS @ SEA LEVEL
 LIFE EXPECTANCY: 1,000 CYCLES

MECHANICAL:
 ACTUATION FORCE: 800 GRAMS MAX
 TRAVEL: .050

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -30° TO +85°C
 STORAGE TEMPERATURE: -45° TO +100°C
 RESISTANCE TO SOLDER HEAT 265±3°C FOR 8±2 SECONDS
 SOLDERABILITY PER JIS C 0050 & JIS C 0053

NOTES:

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- MARK "ALCO" ON THIS SURFACE.

25.40[1.000]	27.89[1.098]	SSV1004	1825152-5
20.32[.800]	22.81[.898]	SSV0804	1825152-4
15.24[.600]	17.73[.698]	SSV0604	1825152-3
10.16[.400]	12.65[.498]	SSV0404	1825152-2
5.08[.200]	7.57[.298]	SSV0204	1825152-1
DIM "H"	DIM "L"	T&B P/N	TYCO P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± 0.25[.010]	4 PLC ± -	ANGLES ± -	FINISH -	WEIGHT -	CUSTOMER DRAWING
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DESIGNED BY: S. VISWESWARA
 CHECKED BY: M. S. SARVER
 APPROVED BY: [Signature]
 NAME: [Signature]
 PRODUCT SPEC: [Signature]
 APPLICATION SPEC: [Signature]
 SIZE: A1
 DATE: 00779
 DRAWING NO: 1825152
 SHEET 1 OF 1
 REV A2

tyco
Electronics
 Tyco Electronics Corporation
 Harrisburg, PA 17105-3608
 SIP SWITCH (SSV02 - 10 SERIES)
 SUPERSEDED NOT THE LATEST REVISION