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LOCAD

DIST00

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
A2		ECO-06-014542	19AUG06	BSV	MS

0.90 [.035]
TYP

POLE

DATE CODE

1

2

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4

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9

10

SV10

DIM "L"

DIM "H"

0.79 [.031]

4.98 [.196]

3.56 [.140]

2.53 [.100]
TYP

0.47 [.019]
TYP

6.78 [.267]

1.69 [.067]

3.18 [.125]

1.39 [.055]
TYP

0.23 [.009]
TYP

2.53 [.100]
TYP

Ø0.79 [Ø.031]
TYP

P.C.LAYOUT

1

2

3

4

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C

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:

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

2 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.

DIMEN
CHK
APVD

DIMENSIONS:
mm [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES

± -
± -
± -
± 0.25[.010]
± -
± -

MATERIAL
SEE SPECIFICATIONS

FINISH
-

WEIGHT
-

CUSTOMER DRAWING

DWN
CHK
APVD

B. S. VISWESWARA
M. S. SARVER

02MAY05

tyco
Electronics

NAME

PRODUCT SPEC

APPLICATION SPEC

SIZE / CODE / DRAWING NO

1825152

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

SIP SWITCH
(SSV02 - 10 SERIES)

RESTRICTED TO

©=1825152

SCALE: 5:1

SHEET 1 OF 1

REV A2

AMP 4805 REV 31MAR2000