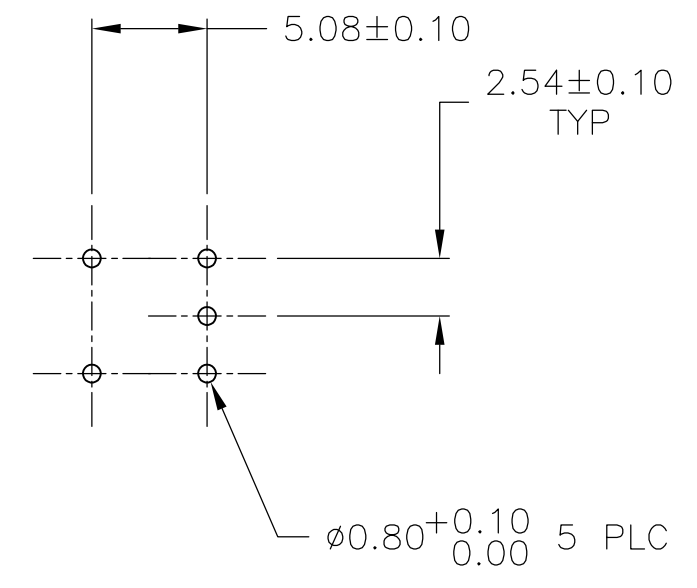
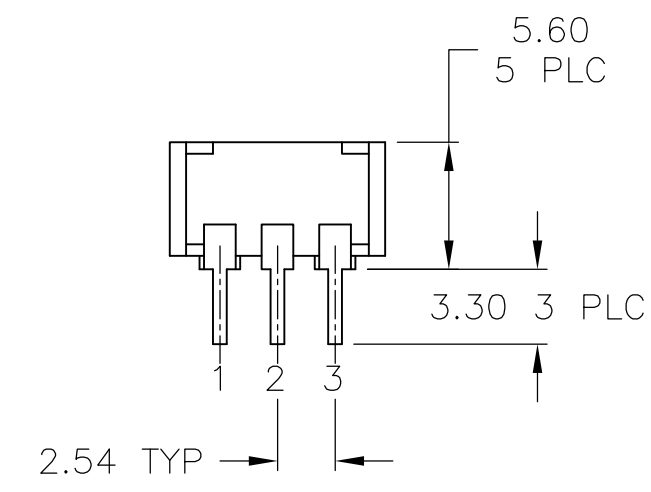
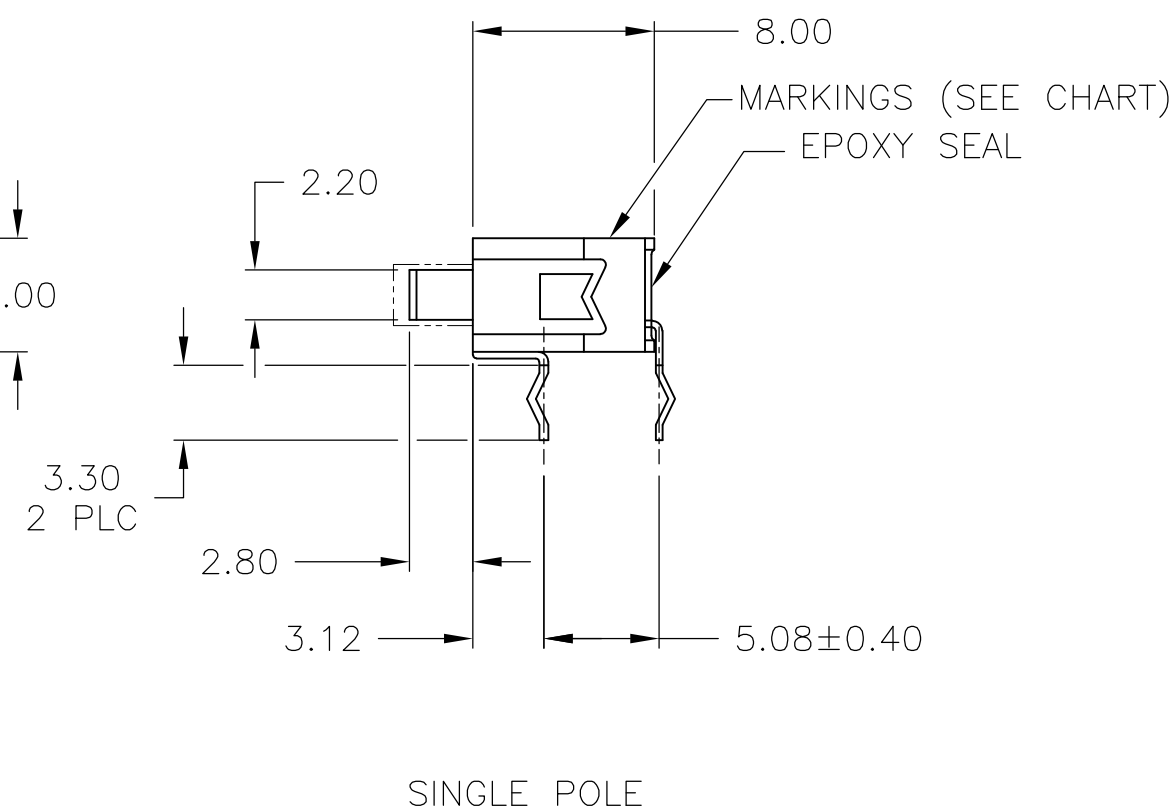
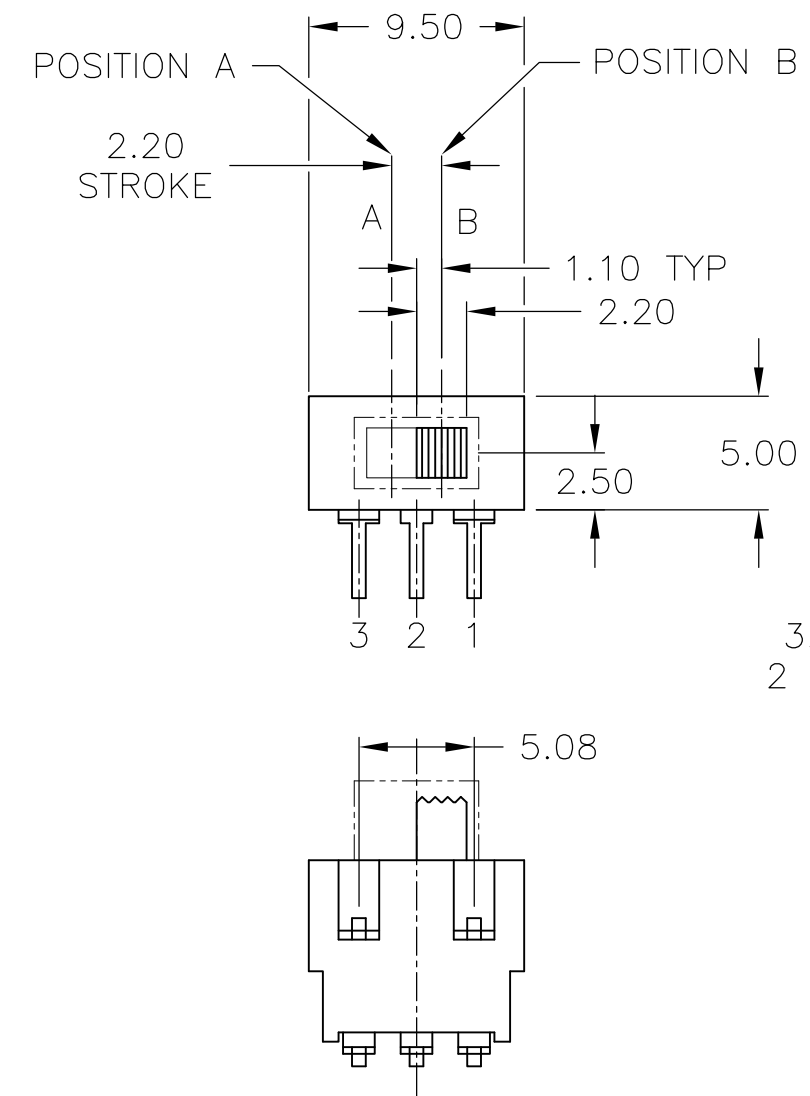
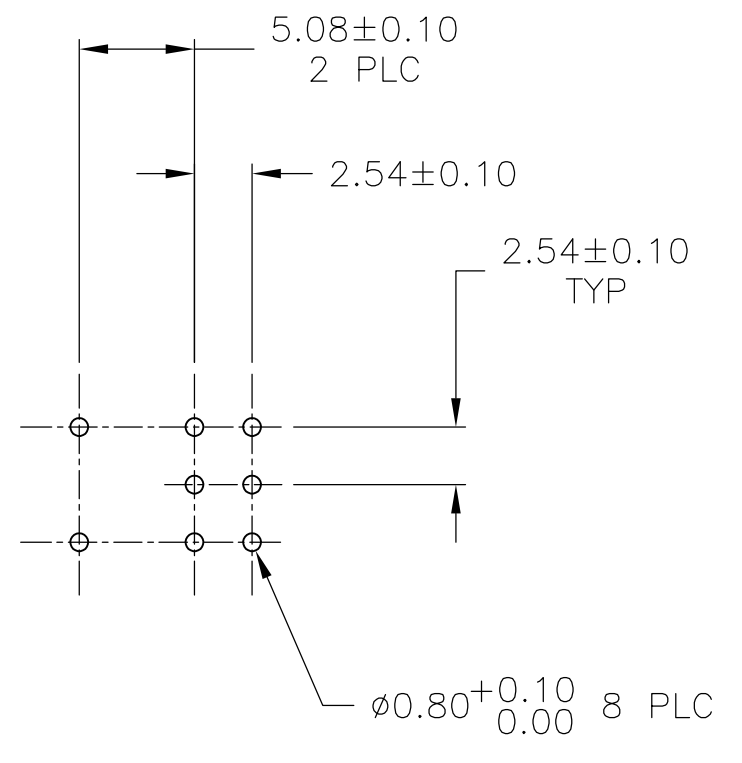
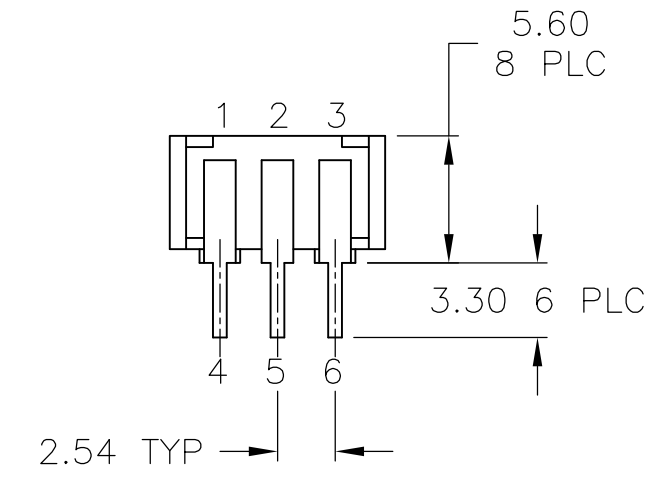
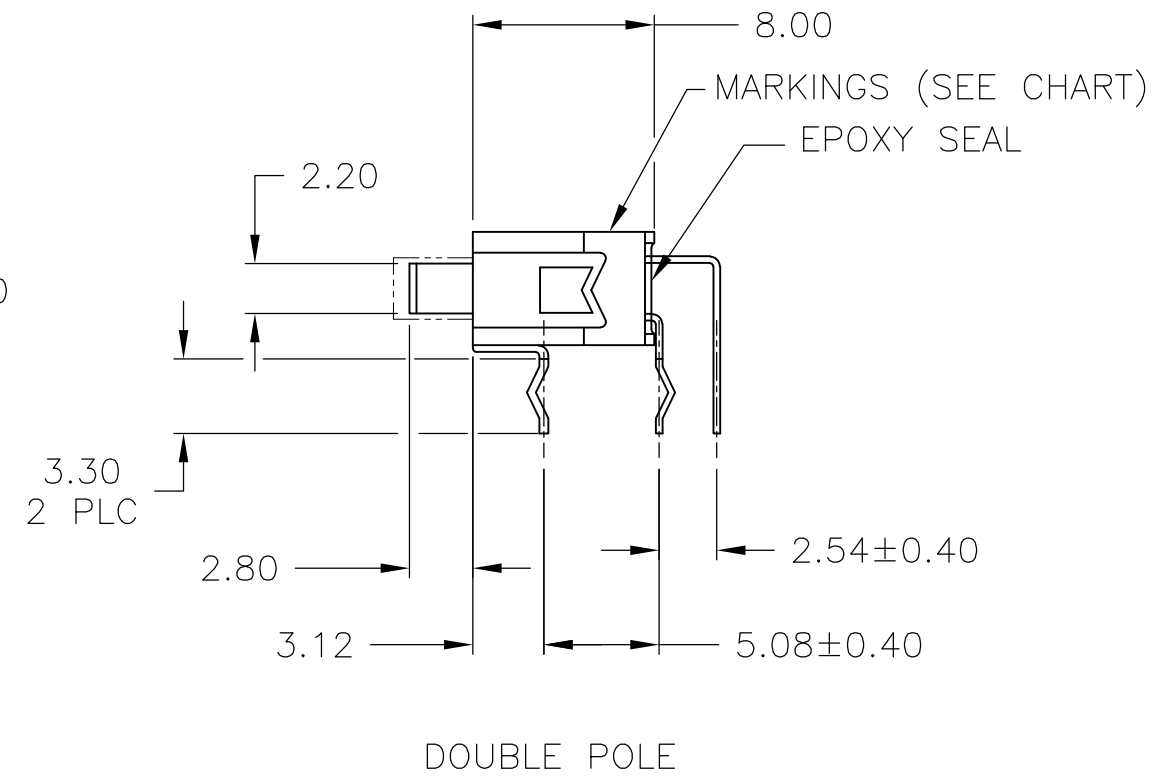
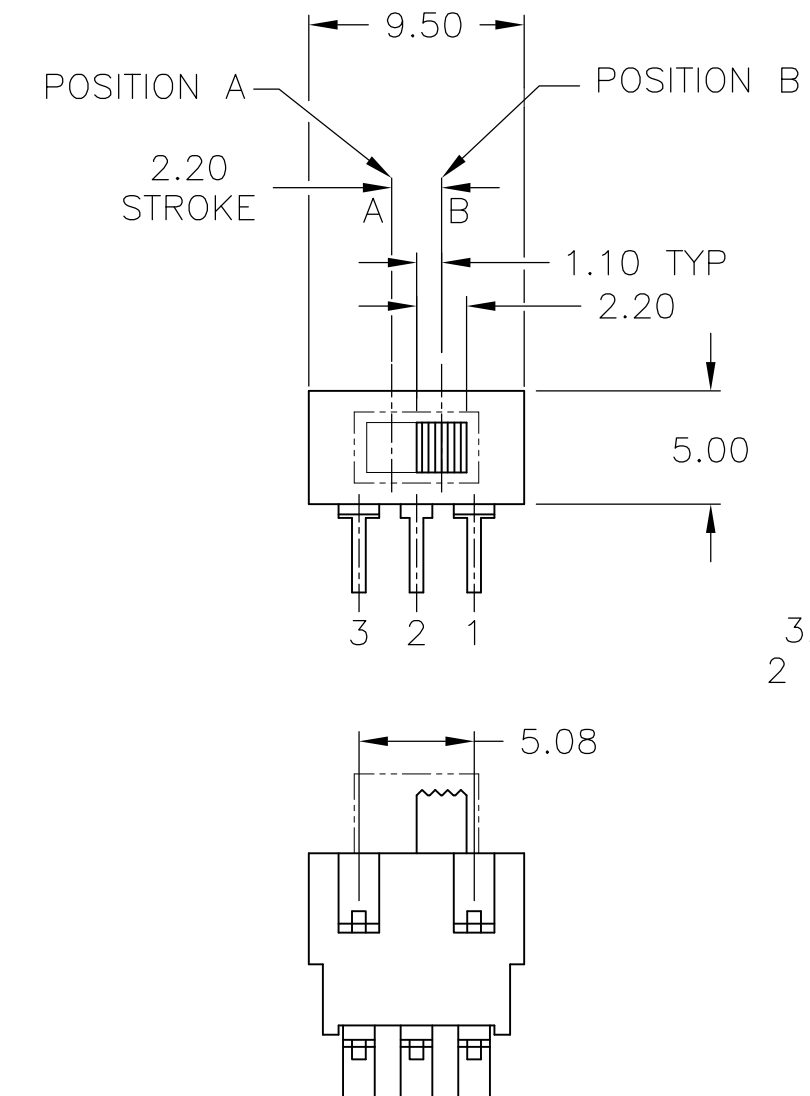
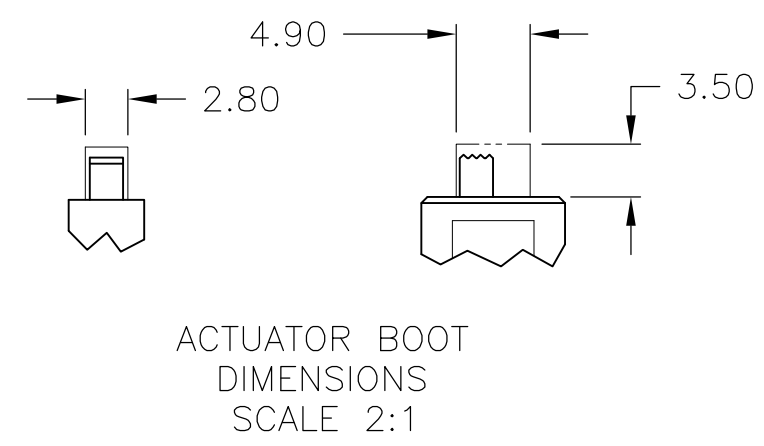




RECOMENDED
P.C. HOLE LAYOUT
SINGLE POLE



RECOMENDED
P.C. HOLE LAYOUT
DOUBLE POLE



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.25
3 PLC ± -
4 PLC ± -
ANGLES ± 0°30'

FINISH
-

DWN
B.S.VISWESWARA
CHK
M.S.SARVER
APVD
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

02MAR05

TE Connectivity

NAME
SWITCH, SLIDE, RIGHT ANGLE,
SE(**)GRA

SIZE
A2

CAGE CODE
-

DRAWING NO
C=1825031

RESTRICTED TO
-

SCALE
3:1

SHEET
1 OF 2

REV
C2

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

1825031 , 1825031

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LOC

DIST

AD00

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

-

-

SEE SHEET 1

-

-

-

1. OPERATING TEMPERATURE: −20°C TO 80°C.

2. STORAGE TEMPERATURE: −40°C TO 80°C.

3. CONTACT TIMING: NON−SHORTING.

4. CONTACT RATING: 0.4VA @ 20VDC.

5. CONTACT RATING MAXIMUM: 50mA 48V AC/DC.

6. CONTACT RATING MINIMUM: 1μA 20mV AC/DC.

7

CONTACT PLATING: GOLD OVER SILVER.

8

FIXED CONTACT/TERMINAL: GOLD OVER NICKEL.

9

FRAME PLATING: TIN OVER NICKEL.

10. INITIAL CONTACT RESISTANCE: LESS THAN 50 MILLIOHMS PER EIA 364−23B.

11. FINAL CONTACT RESISTANCE: 100 MILLIOHMS MAX PER EIA 364−23B.

12. INSULATION RESISTANCE: 500 MEGOHMS MIN AT 250VDC PER EIA 364−21C.

13. DIELECTRIC STRENGTH: 500VAC BETWEEN TERMINALS AND GROUND PER EIA 364−20B, CONDITION 1.

14. VIBRATION PER EIA 364−28D, CONDITION VII, LEVEL E.

15. MECHANICAL SHOCK PER EIA 364−27B, CONDITION A.

16. LIFE EXPECTANCY: ON−OFF ELECTRICAL SWITCHING OPERATIONS PER EIA 364−9C 10 CYCLES PER MINUTE AT THE FOLLOWING RATED LOAD.

TYPE

MAXIMUM CONTACT RATING

0.4 VA

MINIMUM CONTACT RATING

D.E

10000 (OPERATIONS)

30000 (OPERATIONS)

30000 (OPERATIONS)

17. ACTUATION FORCE: 70−500g PER EIA 364−13B.

18. THERMAL SHOCK PER EIA 364−32C, −25°C TO 85°C.

19. HUMIDITY−TEMPERATURE CYCLING PER EIA 364−31B, METHOD III.

20. TEMPERATURE LIFE PER EIA 364−17B, METHOD B, TEMPERATURE TEST CONDITION 3, TIME CONDITION B.

21. RESISTANCE TO SOLDER HEAT PER 109−202,CON B.

22. SOLDERABILITY PER EIA 364−52, CLASS 2, CATEGORY 1.

23. PROCESS SEALED.

24. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2000/95/EC OF 27 JAN2003 (ROHS)

COLOR− WHITE

PET FILM UL94−HB

SLIDE PLATE

COLOR− BLACK

PA46 UL94V−O 30% GLASS FILLED

TERMINAL BOARD

−

STAINLESS STEEL

COIL SPRING

COLOR− WHITE

PA46 UL94V−O 30% GLASS FILLED

PLUNGER

−

SILICON RUBBER

ACTUATOR BOOT

−

EPOXY

TERMINAL SEAL

7

PHOSPHOR BRONZE

MOVABLE CONTACT

8

PHOSPHOR BRONZE

FIXED CONTACT /TERMINAL

COLOR− YELLOW

PA46 UL94V−O 30% GLASS FILLED

ACTUATOR

9

BRASS

FRAME

COLOR− GRAY

PA46 UL94V−O 30% GLASS FILLED

CASE

FINISH

MATERIAL

PART DESCRIPTION

1825031

ON 2−3 5−6

OFF

ON 2−1 5−4

ALCO

SE2EGRA04

1825031−4

ON 2−3 5−6

NONE

ON 2−1 5−4

ALCO

SE2DGRA04

1825031−3

ON 2−3

OFF

ON 2−1

ALCO

SE1EGRA04

1825031−2

ON 2−3

NONE

ON 2−1

ALCO

SE1DGRA04

1825031−1

ALCO

POSITION A

ALCO

POSITION B

MARKINGS

ALCOSWITCH PART NUMBER

TE PART NUMBER

CIRCUIT ARRANGEMENT

CIRCUIT CHARACTERISTICS

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DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± −
1 PLC ± −
2 PLC ± 0.25
3 PLC ± −
4 PLC ± −
ANGLES ± 0°30'

MATERIAL

−

FINISH

−

DWN

B.S.VISWESWARA

02MAR05

CHK

M.S.SARVER

−

APVD

−

−

PRODUCT SPEC

−

APPLICATION SPEC

−

WEIGHT

−

CUSTOMER DRAWING

−

TE

TE Connectivity

NAME

SWITCH, SLIDE, RIGHT ANGLE, SE(**)GRA

SIZE

A2

CAGE CODE

−

DRAWING NO

1825031

RESTRICTED TO

−

SCALE

1:1

SHEET

2 OF 2

REV

C2

1471−9 (3/11)

Mouser Electronics

Authorized Distributor

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[SE1DGRA04](#)