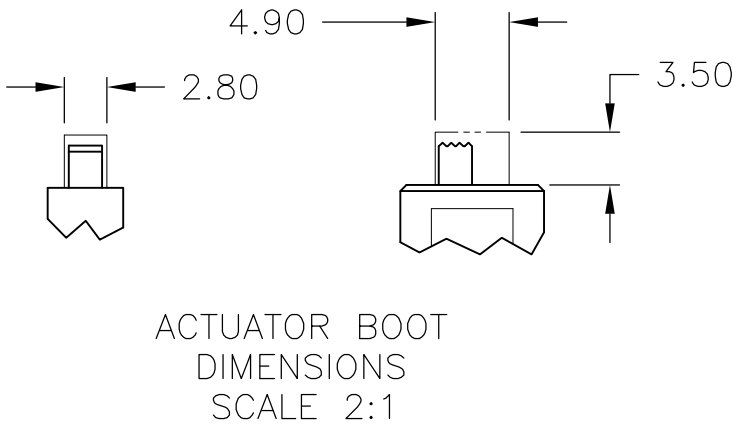
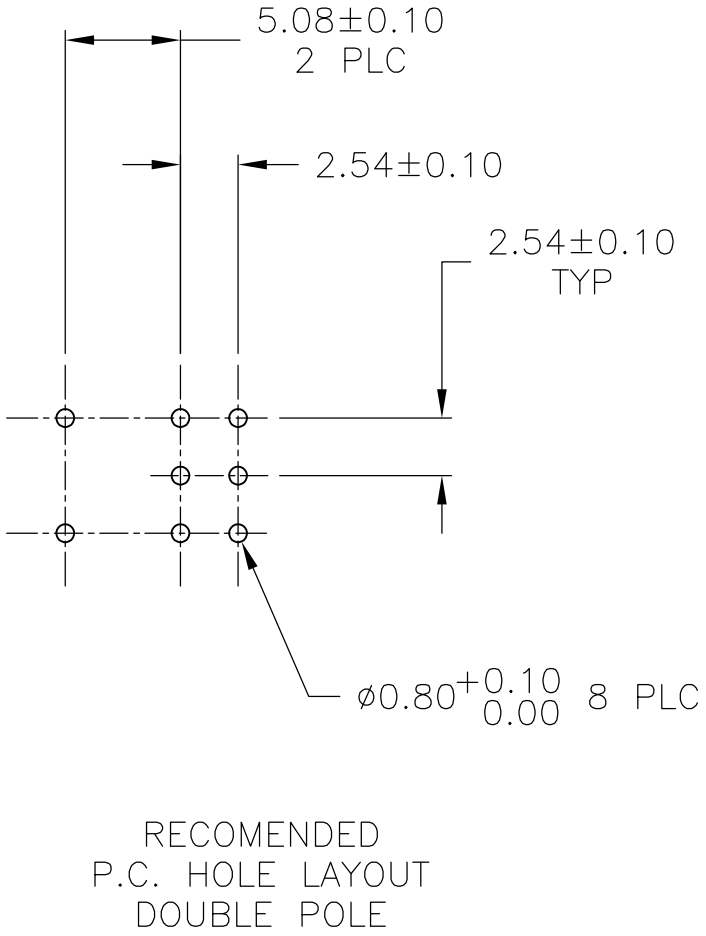
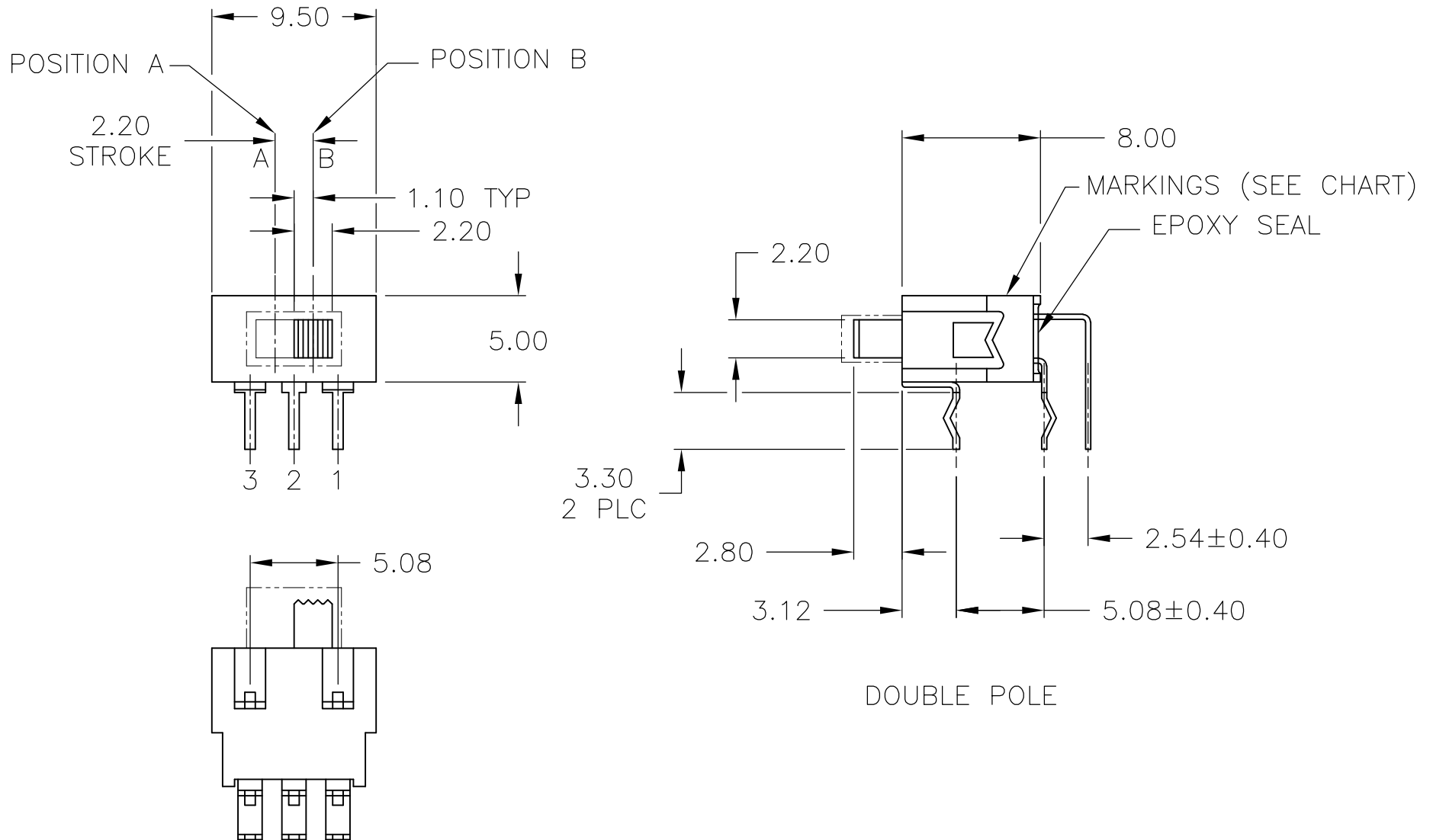
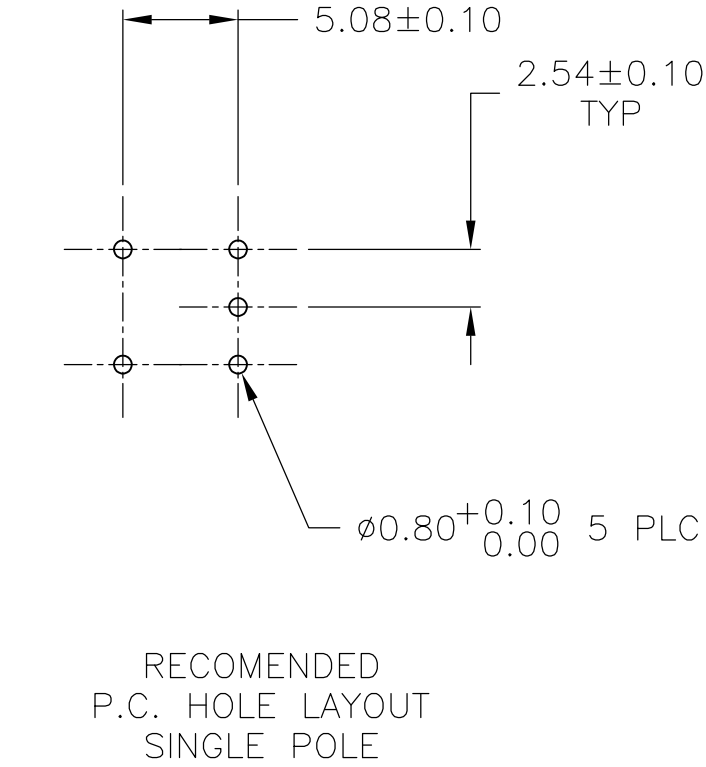
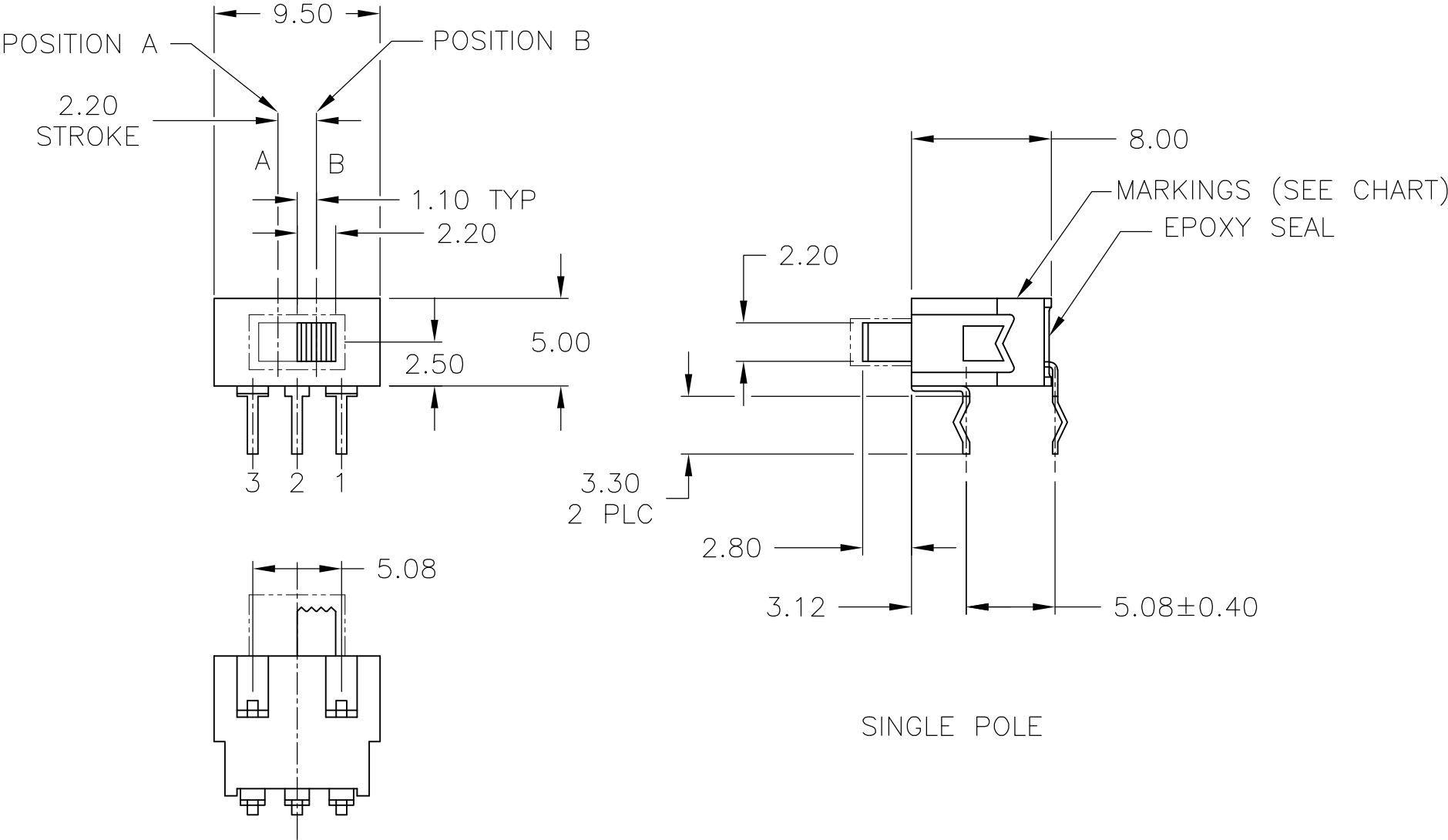


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
AD	00		C2	REVISED PER ECO-12-002677	13FEB12	KH PO



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B.S.VISWESWARA	02MAR05	TE Connectivity		
DIMENSIONS: mm		CHK M.S.SARVER	-			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME		
	0 PLC ± -		PRODUCT SPEC	SWITCH, SLIDE, RIGHT ANGLE, SE(**)GRA		
	1 PLC ± -		APPLICATION SPEC			
MATERIAL		FINISH	WEIGHT	SIZE A2	CAGE CODE -	DRAWING NO C=1825031
				SCALE 3:1	SHEET 1 OF 2	REV C2
				RESTRICTED TO		
				CUSTOMER DRAWING		

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

1825031 , 1825031

© COPYRIGHT 182503y -

ALL RIGHTS RESERVED.

LOC

DIST

AD

00

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

0 PLC ± −

1 PLC ± −

2 PLC ± 0.25

3 PLC ± −

4 PLC ± −

ANGLES ± 0°30'

MATERIAL −

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 1825031

RESTRICTED TO −

SCALE 1:1

SHEET 2 OF 2

REV C2

1471−9 (3/11)