

4

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1571004 , 1571004

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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	K1	REVISED PER ECO-09-016326	17JUL09	HMR	MW

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. GOLD PLATE OVER SILVER.

8. TIN-LEAD OVER NICKEL.

9. 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 SOLDERING HEAT PER 109-201, TEST CONDITION B.

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

23. SEALED PER IEC 529, IP67.

24. TERMINAL 2 IS OMITTED FOR SPST FUNCTION.

25. MARK PER 202-37, "tyco CHINA" MINIMUM REQUIREMENT.

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

SEE SHEET 2 FOR PART NUMBER TABLES

SEE SHEET 3 FOR DIMENSIONS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R BROWN 11DEC01

CHK H WYNKOOP 11DEC01

APVD H WYNKOOP 11DEC01

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

DIMENSIONS: mm

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

FINISH

SEE NOTES

Tyco Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME

SWITCH, SLIDE, SURFACE MOUNT
SE(**)SMT

SIZE A2

CAGE CODE -

DRAWING NO C=1571004

RESTRICTED TO -

SCALE 1:1

SHEET 1 OF 3

REV K1

1571004

B

A

4

3

2

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REVISIONS

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DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

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NONE	STAINLESS STEEL	SLIDE PLATE
COLOR— BLACK	PA46 UL94V-0 30% GLASS FILLED	TERMINAL BOARD
—	STAINLESS STEEL	COIL SPRING
COLOR— WHITE	PA46 UL94V-0 30% GLASS FILLED	PLUNGER
—	SILICON RUBBER	ACTUATOR BOOT
COLOR— BLACK	EPOXY	TERMINAL SEAL
	PHOSPHOR BRONZE	MOVABLE CONTACT
	PHOSPHOR BRONZE	FIXED CONTACT
	PHOSPHOR BRONZE	TERMINAL -51 THRU -56
	PHOSPHOR BRONZE	TERMINAL -1 THRU -6
COLOR— YELLOW	PA46 UL94V-0 30% GLASS FILLED	ACTUATOR
	BRASS	FRAME
COLOR— GRAY	PPA UL94HB 33%GF	CASE
FINISH	MATERIAL	PART DESCRIPTION

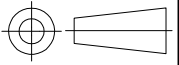


TAPE AND REEL	ON	NONE	ON	SPDT	SE1DGSMT	5-1571004-6	
TAPE AND REEL	2-3 ON	OFF	2-1 ON	SP3T	SE1EGSMT	5-1571004-5	
TAPE AND REEL	2-3 OFF		2-1 ON	SPST 	SE1GSMT	5-1571004-4	
	ON	N/A	3-1 ON				
BULK	ON	NONE	ON	SPDT	SE1DGSMT	5-1571004-3	
	2-3 ON	OFF	2-1 ON				
OBSOLETE	2-3 ON	OFF	2-1 ON	SP3T	SE1EGSMT	5-1571004-2	
	2-3 OFF	OPEN	2-1 ON				
	BULK		3-1 ON	SPST 	SE1GSMT	5-1571004-1	
SUPERCEDE BY 5-1571004-6	TAPE AND REEL	ON	NONE	ON	SPDT	SE1DGSMT	1571004-6
	2-3 ON	OFF	2-1 ON				
SUPERCEDE BY 5-1571004-5	TAPE AND REEL	ON	OFF	ON	SP3T	SE1EGSMT	1571004-5
	2-3 ON	OPEN	2-1 ON				
SUPERCEDE BY 5-1571004-4	TAPE AND REEL	2-3 OFF	ON	SPST 	SE1GSMT	1571004-4	
		N/A	3-1 ON				
SUPERCEDE BY 5-1571004-3	BULK	ON	ON	SPDT	SE1DGSMT	1571004-3	
	2-3 ON	OFF	2-1 ON				
SUPERCEDE BY 5-1571004-2	BULK	ON	OFF	ON	SP3T	SE1EGSMT	1571004-2
	2-3 ON	OPEN	2-1 ON				
SUPERCEDE BY 5-1571004-1	BULK	2-3 OFF	ON	SPST 	SE1GSMT	1571004-1	
		N/A	3-1 ON				
PACKAGING				FUNCTION	ALCOSWITCH PART NUMBER	PART NUMBER	
	POSITION A		POSITION B				
	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

SEE TABLE

DWN

R BROWN

11DEC01

CHK

H WYNKOOP

11DEC01

APVD

H WYNKOOP

11DEC01

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

NAME

SWITCH, SLIDE, SURFACE MOUNT SE(**)SMT

SIZE

A2

CAGE CODE

—

DRAWING NO

C=1571004

RESTRICTED TO

—

SCALE

1:1

SHEET

2 of 3

REV

K1

Tyco Electronics

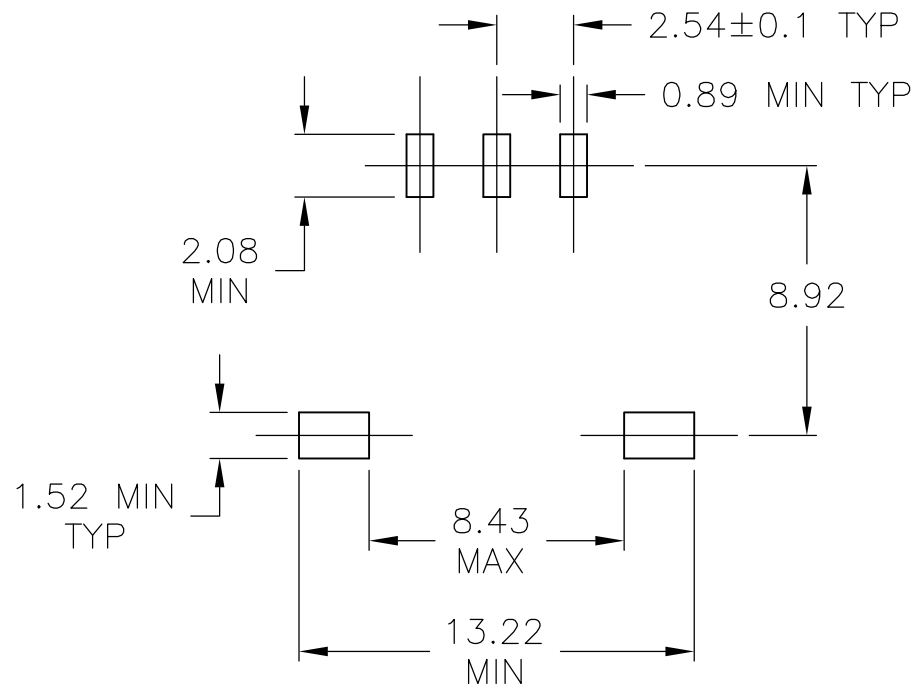
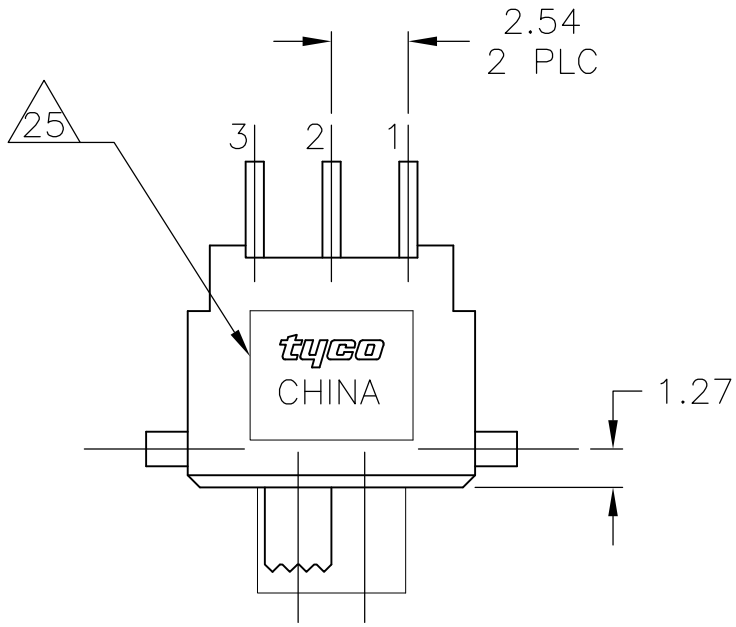
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Harrisburg, Pa 17105-3608

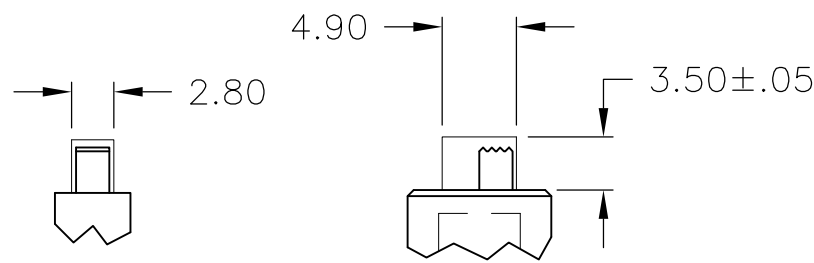
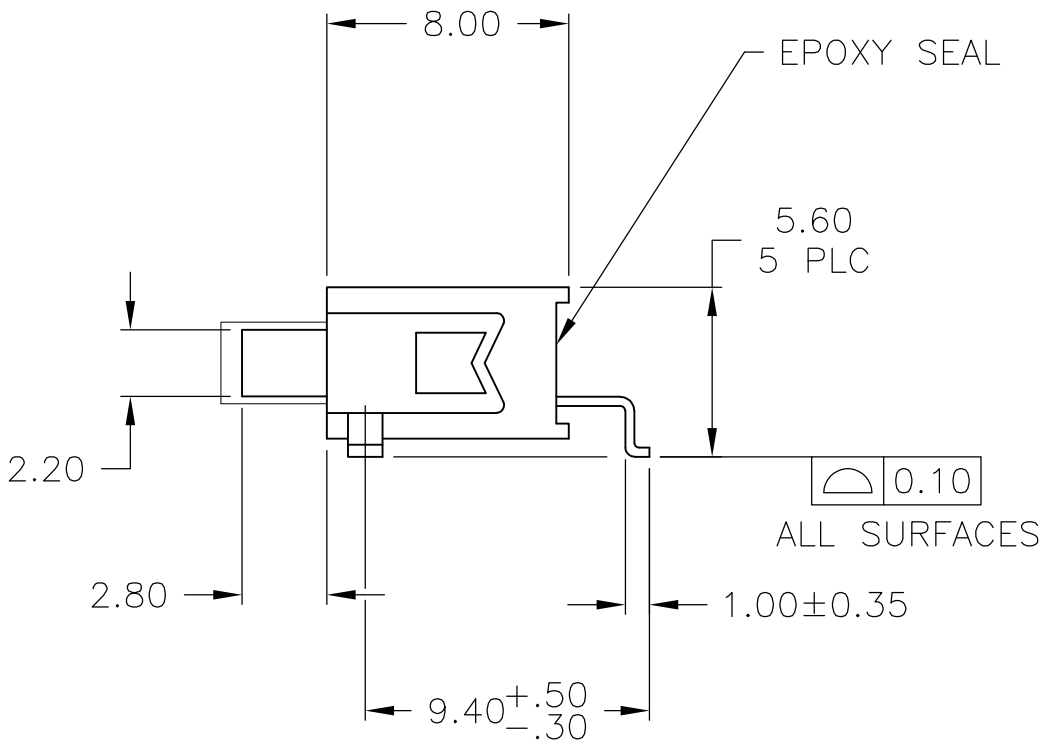
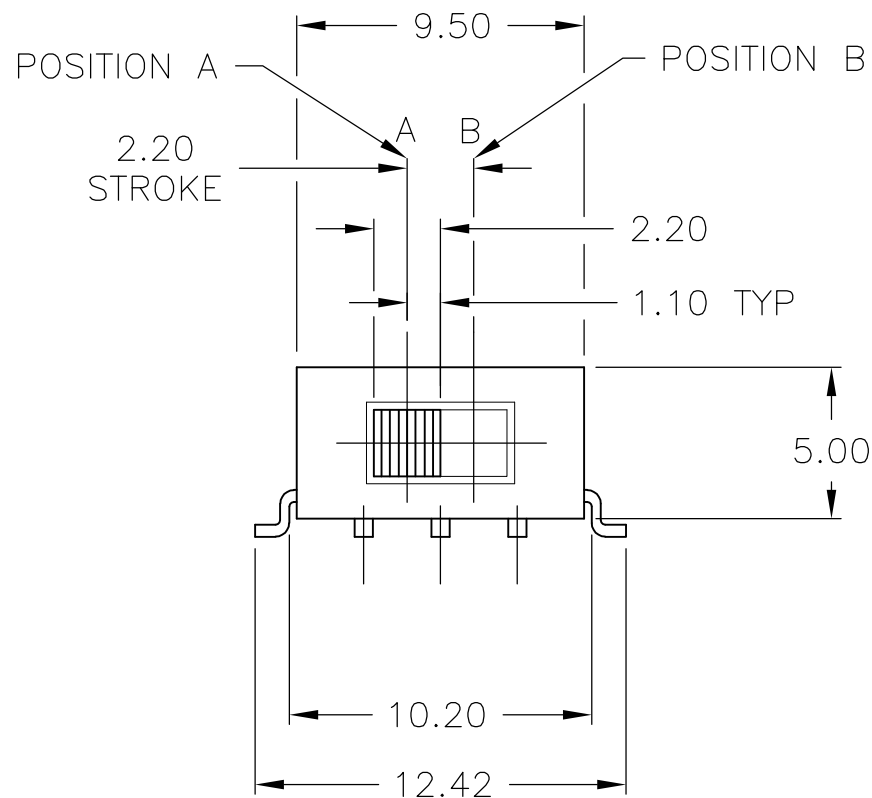
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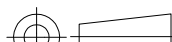
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		—	SEE SHEET 1	—	—	—



P.C. PAD LAYOUT



ACTUATOR BOOT DIMENSIONS
SCALE 2:1

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		CHK H WYNKOOP 11DEC01			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
		APVD H WYNKOOP 11DEC01		SWITCH, SLIDE, SURFACE MOUNT SE(**)SMT	
		PRODUCT SPEC —			
		APPLICATION SPEC —			
		—			
MATERIAL		FINISH		SIZE	CAGE CODE
SEE SHEET 2		SEE SHEET 3		DRAWING NO	
		WEIGHT —		A2	—
		CUSTOMER DRAWING		C=1571004	
				RESTRICTED TO	—
				SCALE	4:1
				SHEET	3 of 3
				REV	K1