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Specifications

	UP01	UP03
Rating	.1A @ 30 VDC	3A @ 125 VAC
UL/CuL rating	.1A @ 125 VAC	3A @ 125 VAC
Contact resistance, initial	100 milliohms max.	
Insulation resistance	100 megohms min, 500 VDC, 1 minute hold	
Dielectric withstanding voltage	1,000 VAC, 1 minute hold	
Life expectancy, mechanical	1,000,000 cycles @ 200 cycles/min.	
Life expectancy, electrical	1,000,000 cycles @ 200 cycles/min., .1A @ 30VDC	1,000,000 cycles @ 10 cycles/min., 3A @ 125 VAC
Storage temperature	-25°C to +85°C	
Storage humidity	85% RH max.	

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

LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	ECO-05-14560	28MAR06	MB	MZ

Materials

Finish	Manufacturer	Item Name
	Nylon, 30% GF, Black, UL94 V-0	Housing
	PBT, 30% GF, Black, UL94V-0	Cover
	Nylon, 30% GF, Gray, UL94V-0	Button
contact area: 3 microinches min. Au over 30-60 microinches Ni solder area: 60 microinches min. SnCu over 30-60 microinches Ni	Brass	Common Terminal
contact area: 3 microinches min. Au over 30-60 microinches Ni solder area: 60 microinches min. SnCu over 30-60 microinches Ni	Brass (.1A rated parts) Brass with silver inlay (3A parts)	NO Terminal
contact area: 3 microinches min. Au over 30-60 microinches Ni solder area: 60 microinches min. SnCu over 30-60 microinches Ni	Brass (.1A rated parts) Brass with silver inlay (3A parts)	NC Terminal
none	Copper alloy with silver slug	Spring contact

10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb right	SPDT	3A @ 125VAC	UP3DTCNLB04	2-1825043-4
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb right	SPDT	3A @ 125VAC	UP3DTCNLA04	2-1825043-3
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb right	SPDT	3A @ 125VAC	UP3DTCOLB04	2-1825043-2
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb right	SPDT	3A @ 125VAC	UP3DTCOLA04	2-1825043-1
10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb left	SPDT	3A @ 125VAC	UP3DTBNLB04	2-1825043-0
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb left	SPDT	3A @ 125VAC	UP3DTBNLA04	1-1825043-9
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb left	SPDT	3A @ 125VAC	UP3DTBOLB04	1-1825043-8
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb left	SPDT	3A @ 125VAC	UP3DTBOLA04	1-1825043-7
10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb	SPDT	3A @ 125VAC	UP3DTANLB04	1-1825043-6
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb	SPDT	3A @ 125VAC	UP3DTANLA04	1-1825043-5
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb	SPDT	3A @ 125VAC	UP3DTAOLB04	1-1825043-4
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb	SPDT	3A @ 125VAC	UP3DTAOLA04	1-1825043-3
10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb right	SPDT	.1A @ 30VDC	UP01DTCNLB04	1-1825043-2
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb right	SPDT	.1A @ 30VDC	UP01DTCNLA04	1-1825043-1
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb right	SPDT	.1A @ 30VDC	UP01DTCOLB04	1-1825043-0
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb right	SPDT	.1A @ 30VDC	UP01DTCOLA04	1825043-9
10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb left	SPDT	.1A @ 30VDC	UP01DTBNLB04	1825043-8
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb left	SPDT	.1A @ 30VDC	UP01DTBNLA04	1825043-7
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb left	SPDT	.1A @ 30VDC	UP01DTBOLB04	1825043-6
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb left	SPDT	.1A @ 30VDC	UP01DTBOLA04	1825043-5
10.1	.80	.6	3	7.9 +/- .8	5	30	straight	pcb	SPDT	.1A @ 30VDC	UP01DTANLB04	1825043-4
10.1	.80	.6	3	7.9 +/- .8	8	50	straight	pcb	SPDT	.1A @ 30VDC	UP01DTANLA04	1825043-3
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb	SPDT	.1A @ 30VDC	UP01DTAOLB04	1825043-2
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb	SPDT	.1A @ 30VDC	UP01DTAOLA04	1825043-1
Free Position max. (mm)	Movement Differential max. (mm)	Overtravel min. (mm)	Pretravel max. (mm)	Operating Position (mm)	Release Force min. (g)	Operating Force max. (g)	Lever Type	Terminal	Action	Rating	Alco P/N	Tyco Part Number

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± 0.40
3 PLC ± -
4 PLC ± -
ANGLES ± 1°
FINISH -

MATERIAL -

DWN M.BINNER 31JAN2005
CHK M ZITTO 31JAN2005
APVD M ZITTO 31JAN2005
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -
CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SWITCH, SNAP ACTION,
ULTRAMINATURE
-
SIZE A2
CAGE CODE 00779
DRAWING NO C=1825043
RESTRICTED TO -
SCALE 6:1
SHEET 1 OF 2
REV B1

1825043

1825043-4

1825043-3

1825043-2

1825043-1

1825043-0

1825043-9

1825043-8

1825043-7

1825043-6

1825043-5

1825043-4

1825043-3

1825043-2

1825043-1

1825043-0

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1825043-8

1825043-7

1825043-6

1825043-5

1825043-4

1825043-3

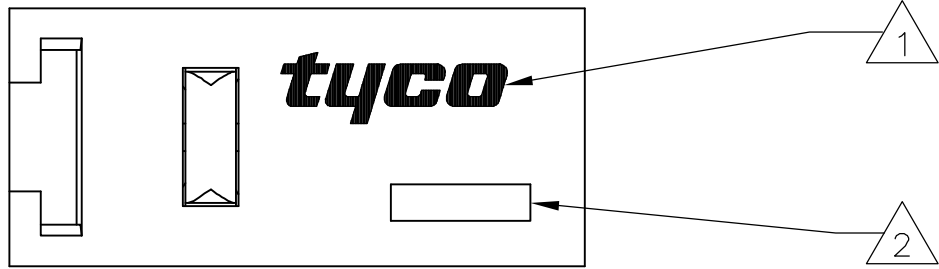
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1825043-1

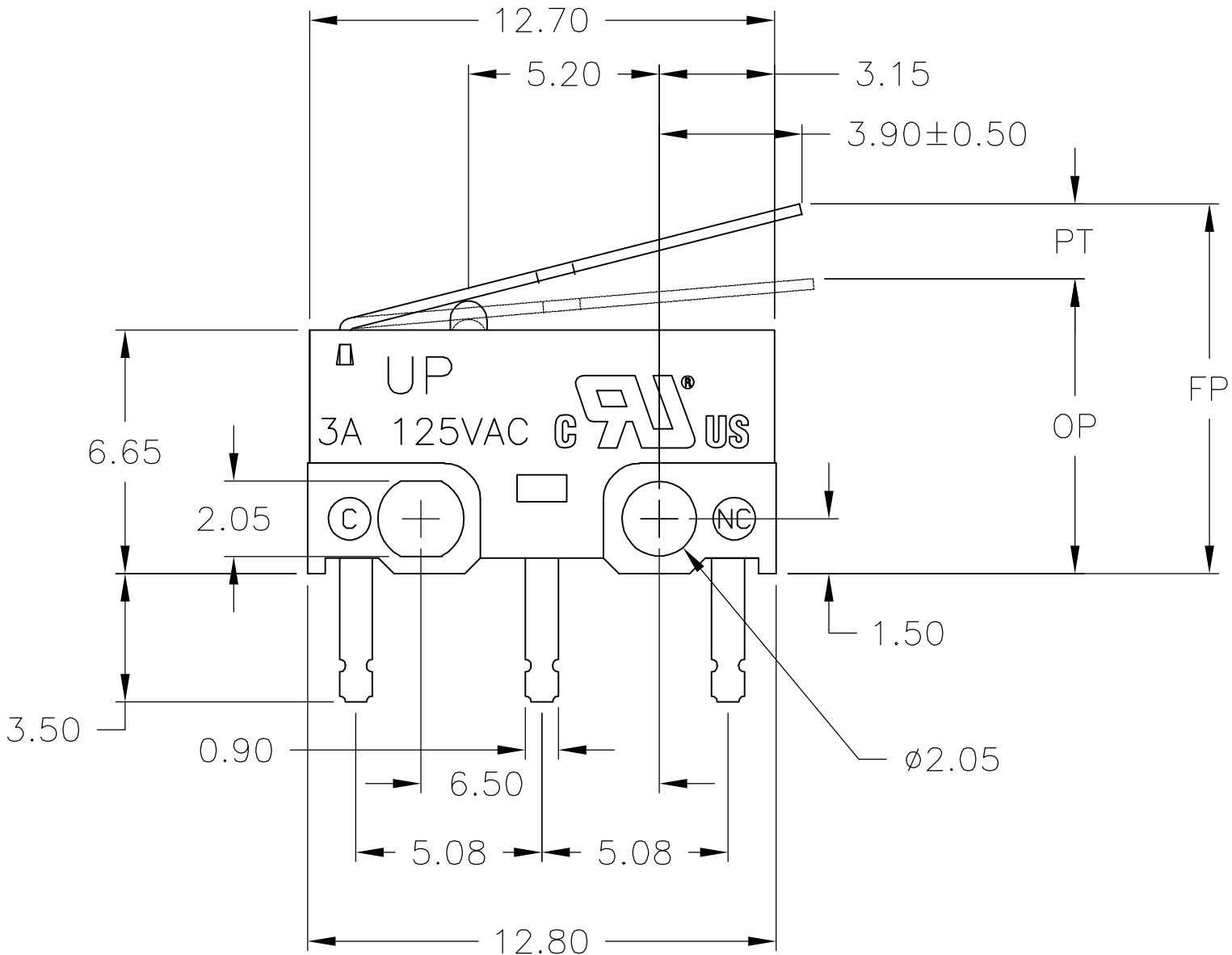
1825043-0

AMP 3307-7 REV 31MAR2000

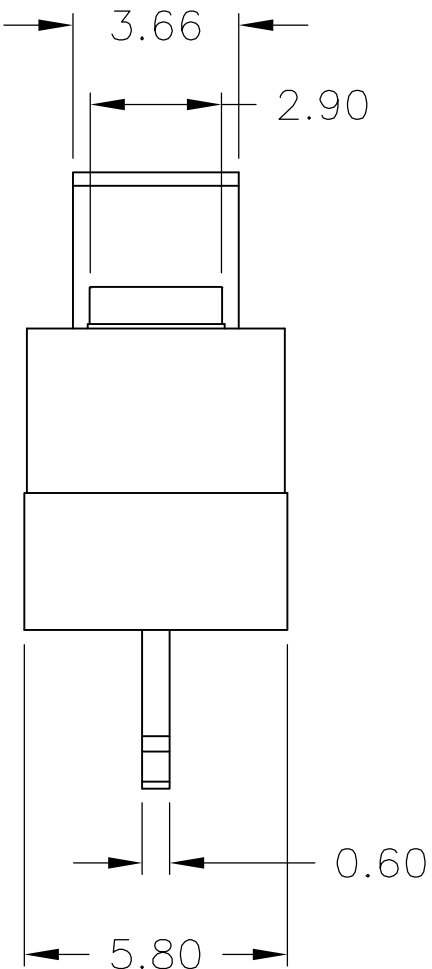
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



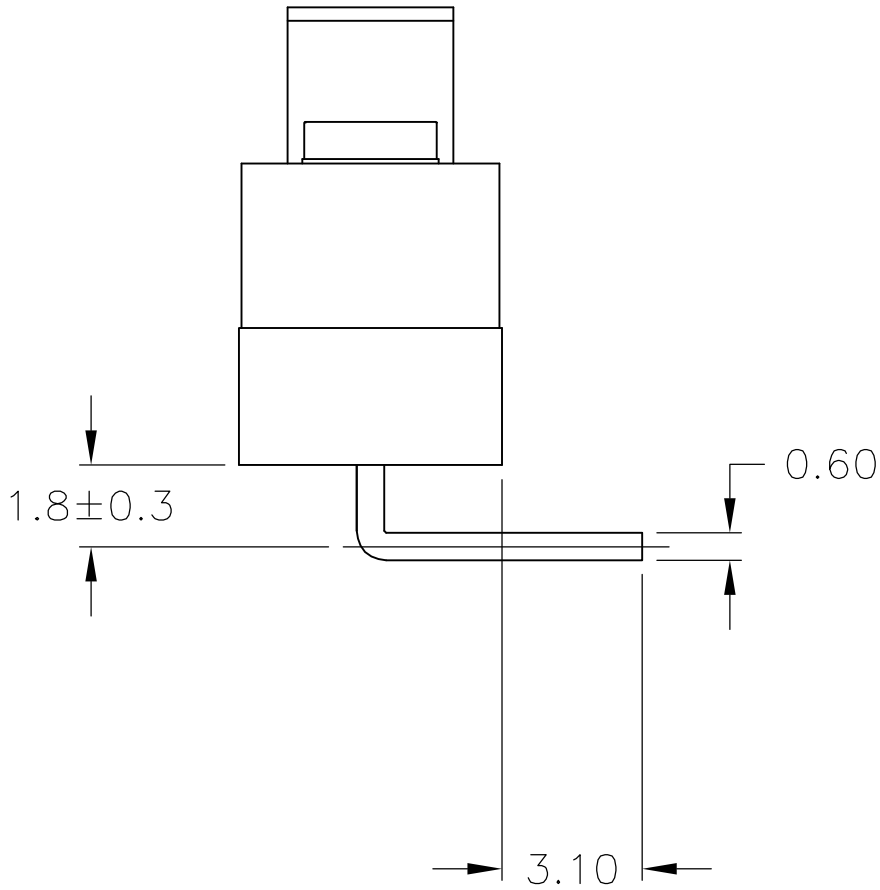
VIEW SHOWN WITH LEVER REMOVED



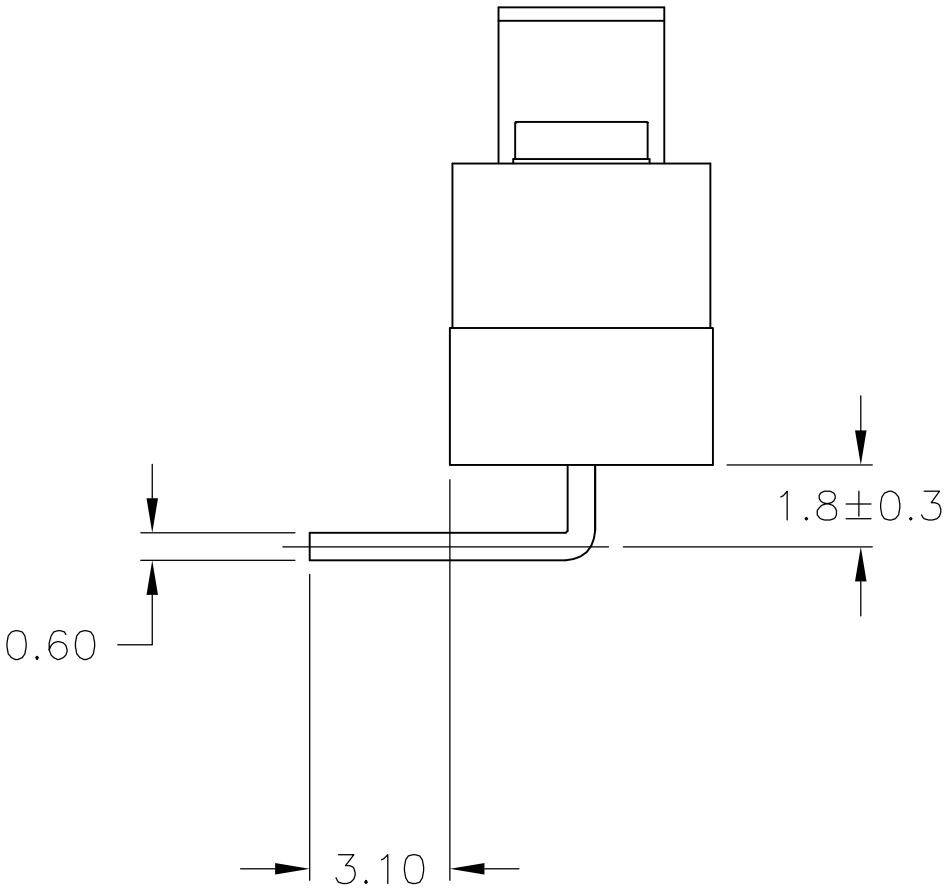
STRAIGHT LEVER SHOWN



PCB TERMINAL



PCB RIGHT TERMINAL



PCB LEFT TERMINAL

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DIMENSIONS: mm		CHK M ZITTO 31JAN2005				
		APVD M ZITTO 31JAN2005		NAME		
		PRODUCT SPEC		SWITCH, SNAP ACTION, ULTRAMINATURE		
MATERIAL —		APPLICATION SPEC		SIZE		
		WEIGHT —		CAGE CODE		
		CUSTOMER DRAWING		DRAWING NO A2 00779 C=1825043		
		SCALE 6:1		SHEET 2 OF 2		
				REV B1		