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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		B4		ECO-08-004644	26FEB08	MB	MW

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	6,000 cycles @ 10 cycles/min., 3A @ 125 VAC
Operating temperature	0°C to +55°C	
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).

2. PER TABULATION COLUMN RATING, UP AND AGENCY MARKINGS.

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
	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

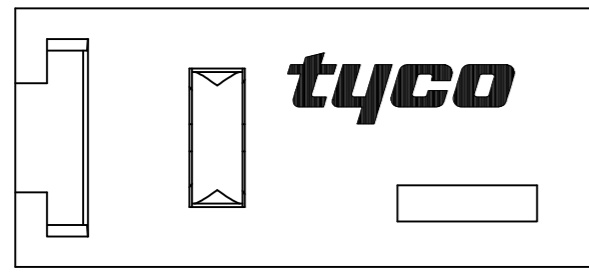
Free Position max. (mm)	Movement Differential max. (mm)	Overtravel min. (mm)	Pretravel max. (mm)	Operating Position (mm)	Release Force min. (g)	Operating Force max. (g)	Lever Type	Terminal	Action	Rating	Alco P/N	Part Number
10.1	.80	.6	.3	7.9 +/- .8	5	30	straight	pcb right	SPDT	3A @ 125VAC	UP3DTCNLB04	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	UP3DTADLA04	1-1825043-3
10.1	.80	.6	.3	7.9 +/- .8	5	30	straight	pcb right	SPDT	.1A @ 125VAC/30VDC	UP01DTCNLB04	1-1825043-2
10.1	.80	.6	.3	7.9 +/- .8	8	50	straight	pcb right	SPDT	.1A @ 125VAC/30VDC	UP01DTCNLA04	1-1825043-1
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb right	SPDT	.1A @ 125VAC/30VDC	UP01DTCOLB04	1-1825043-0
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb right	SPDT	.1A @ 125VAC/30VDC	UP01DTCOLA04	1825043-9
10.1	.80	.6	.3	7.9 +/- .8	5	30	straight	pcb left	SPDT	.1A @ 125VAC/30VDC	UP01DTBNLB04	1825043-8
10.1	.80	.6	.3	7.9 +/- .8	8	50	straight	pcb left	SPDT	.1A @ 125VAC/30VDC	UP01DTBNLA04	1825043-7
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb left	SPDT	.1A @ 125VAC/30VDC	UP01DTBOLB04	1825043-6
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb left	SPDT	.1A @ 125VAC/30VDC	UP01DTBOLA04	1825043-5
10.1	.80	.6	.3	7.9 +/- .8	5	30	straight	pcb	SPDT	.1A @ 125VAC/30VDC	UP01DTANLB04	1825043-4
10.1	.80	.6	.3	7.9 +/- .8	8	50	straight	pcb	SPDT	.1A @ 125VAC/30VDC	UP01DTANLA04	1825043-3
7.35	.12	.2	.62	6.9 +/- .3	10	80	none	pcb	SPDT	.1A @ 125VAC/30VDC	UP01DTAOLB04	1825043-2
7.35	.12	.2	.62	6.9 +/- .3	20	150	none	pcb	SPDT	.1A @ 125VAC/30VDC	UP01DTADLA04	1825043-1

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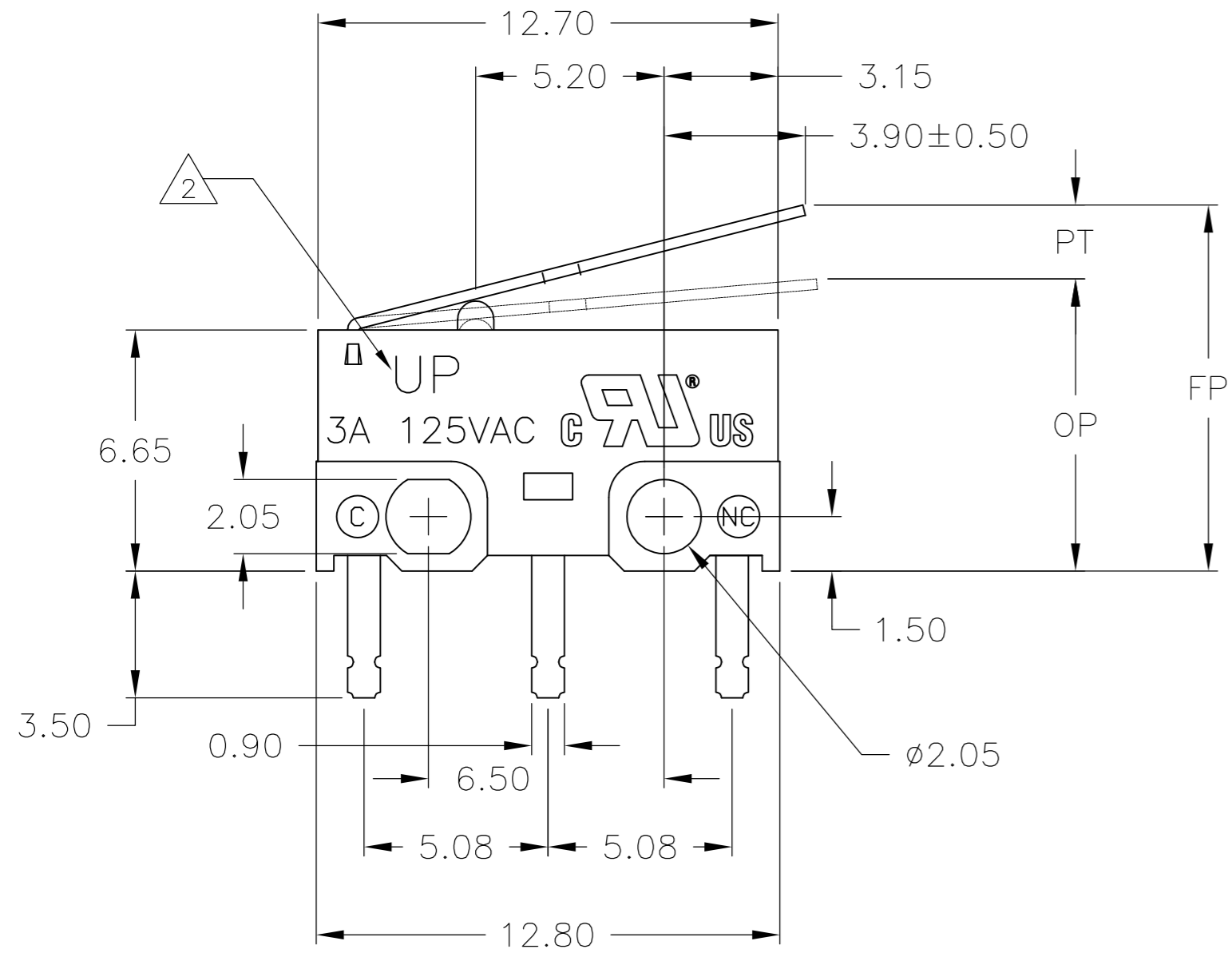
DWN	M. BINNER	31JAN2005	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
CHK	M. ZITTO	31JAN2005	
APVD	M. ZITTO	31JAN2005	
PRODUCT SPEC			
APPLICATION SPEC			NAME SWITCH, SNAP ACTION, ULTRAMINIATURE
SIZE	A2	CAGE CODE 00779	DRAWING NO 1825043
WEIGHT	-	RESTRICTED TO	
CUSTOMER DRAWING	SCALE 6:1	SHEET 1 OF 2	REV B4

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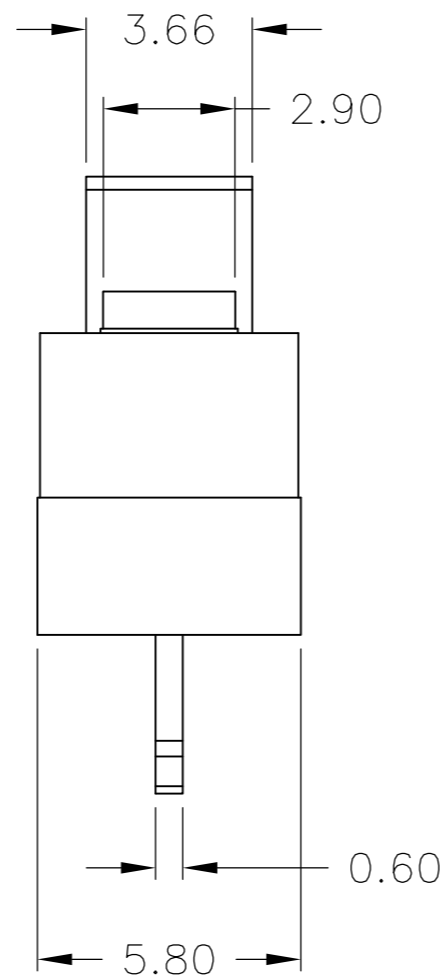
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	SEE SHEET 1	-	-	-



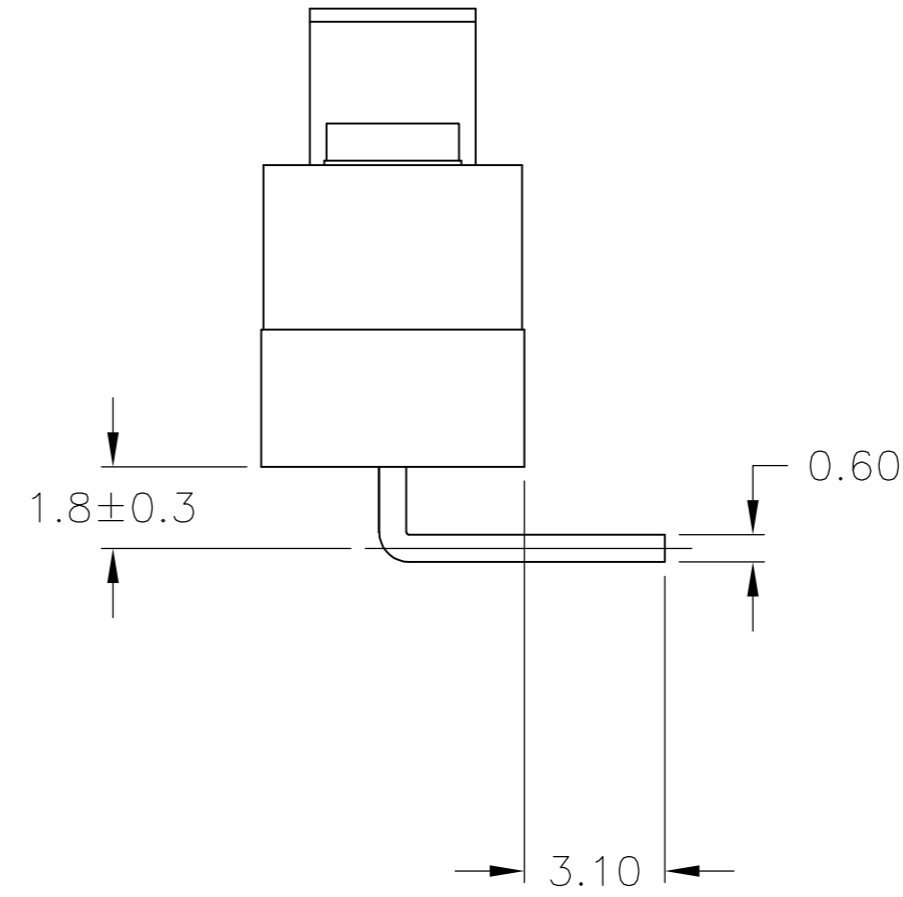
VIEW SHOWN WITH LEVER REMOVED



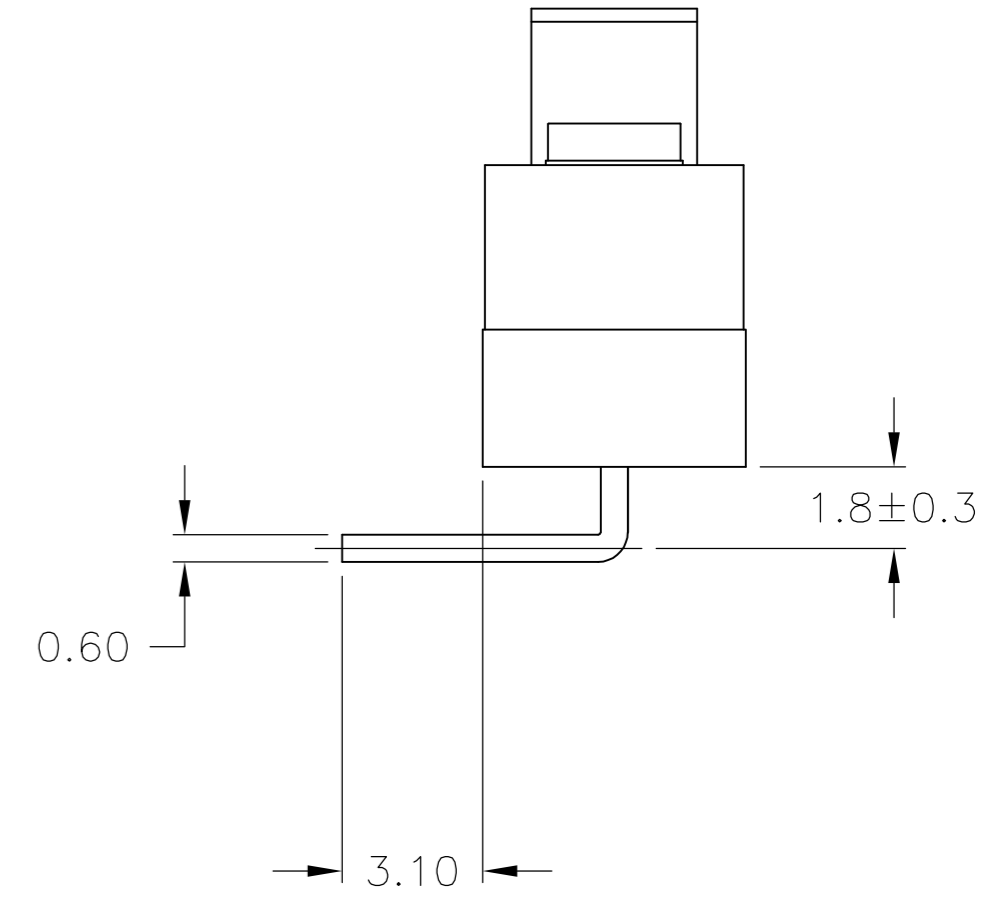
STRAIGHT LEVER SHOWN



PCB TERMINAL



PCB RIGHT TERMINAL



PCB LEFT TERMINAL

1825043

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DIMENSIONS: mm		CHK M ZITTO 31JAN2005	NAME SWITCH, SNAP ACTION, ULTRAMINIATURE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.40 3 PLC ± - 4 PLC ± - ANGLES ± 1°		APVD M ZITTO 31JAN2005	SIZE A2	
MATERIAL		PRODUCT SPEC	CAGE CODE 00779	DRAWING NO C=1825043
FINISH		APPLICATION SPEC	RESTRICTED TO	
		WEIGHT	SCALE 6:1	SHEET 2 OF 2
		CUSTOMER DRAWING	REV B4	