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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	6,000 cycles @ 10 cycles/min., 3A @ 125 VAC	
Operating temperature	-40°C to +80°C (With no icing)		
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					
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					

OBSOLETE	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	21	80	none	pcb right	SPDT	3A @ 125VAC	UP3DTCOLB04	2-1825043-2
	7.35	.12	.2	.62	6.9 +/-.3	35	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
OBSOLETE	7.35	.12	.2	.62	6.9 +/-.3	21	80	none	pcb left	SPDT	3A @ 125VAC	UP3DTBOLB04	1-1825043-8
	7.35	.12	.2	.62	6.9 +/-.3	35	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
OBSOLETE	7.35	.12	.2	.62	6.9 +/-.3	21	80	none	pcb	SPDT	3A @ 125VAC	UP3DTAOLB04	1-1825043-4
	7.35	.12	.2	.62	6.9 +/-.3	35	150	none	pcb	SPDT	3A @ 125VAC	UP3DTAOLA04	1-1825043-3
OBSOLETE	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	21	80	none	pcb right	SPDT	.1A @ 125VAC/30VDC	UP01DTCOLB04	1-1825043-0
	7.35	.12	.2	.62	6.9 +/-.3	35	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	21	80	none	pcb left	SPDT	.1A @ 125VAC/30VDC	UP01DTBOLB04	1825043-6
	7.35	.12	.2	.62	6.9 +/-.3	35	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
OBSOLETE	7.35	.12	.2	.62	6.9 +/-.3	21	80	none	pcb	SPDT	.1A @ 125VAC/30VDC	UP01DTAOLB04	1825043-2
	7.35	.12	.2	.62	6.9 +/-.3	35	150	none	pcb	SPDT	.1A @ 125VAC/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	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

DWN
M.BINNER
31JAN2005

CHK
M ZITTO
31JAN2005

APVD
M ZITTO
31JAN2005

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
0

CUSTOMER DRAWING

TE Connectivity

SWITCH, SNAP ACTION, ULTRAMINIATURE

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1825043

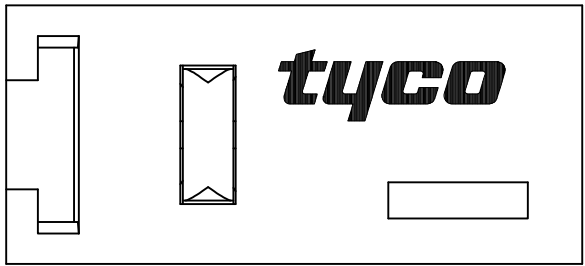
RESTRICTED TO

SCALE
6:1

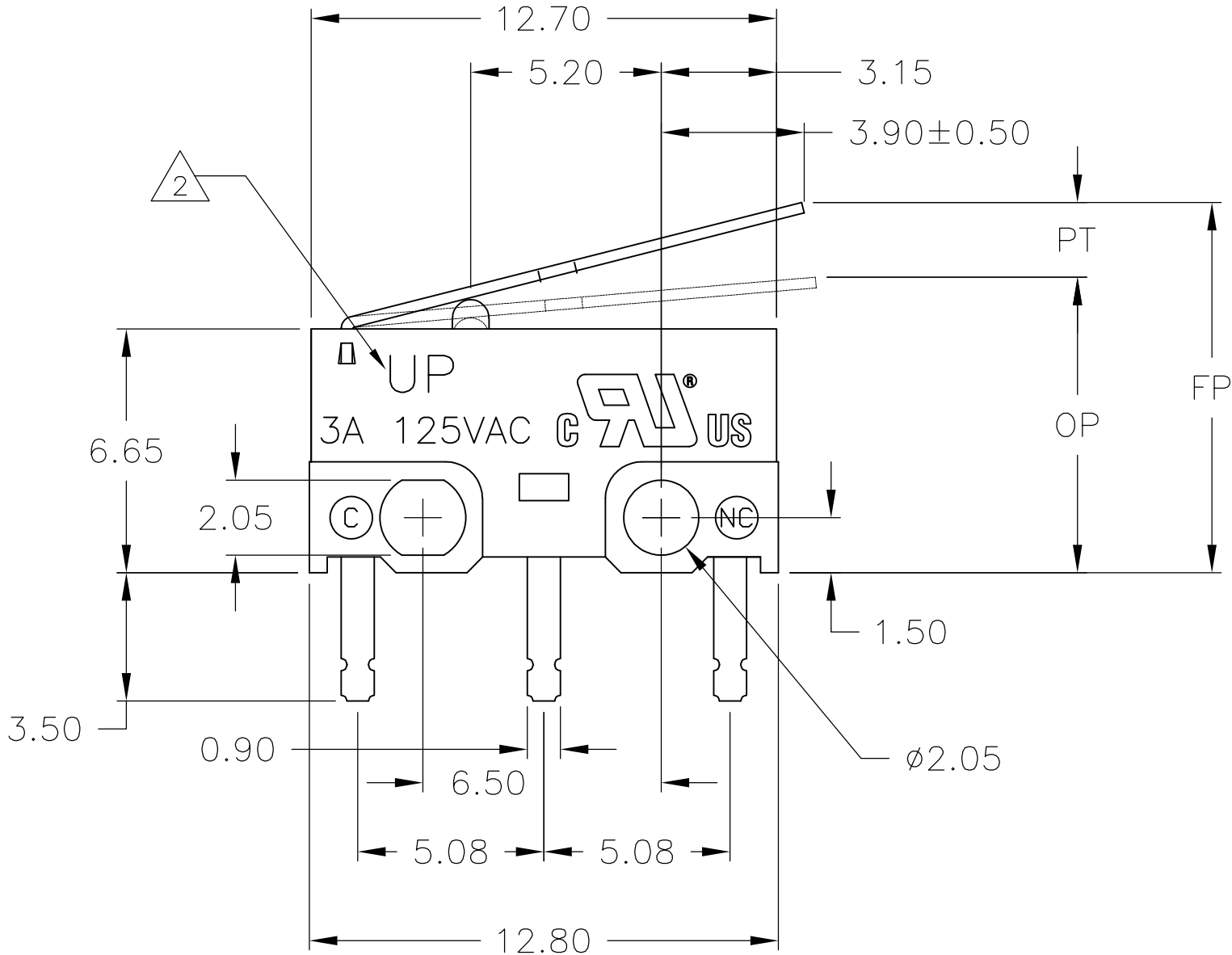
SHEET
1 of 2

REV
B8

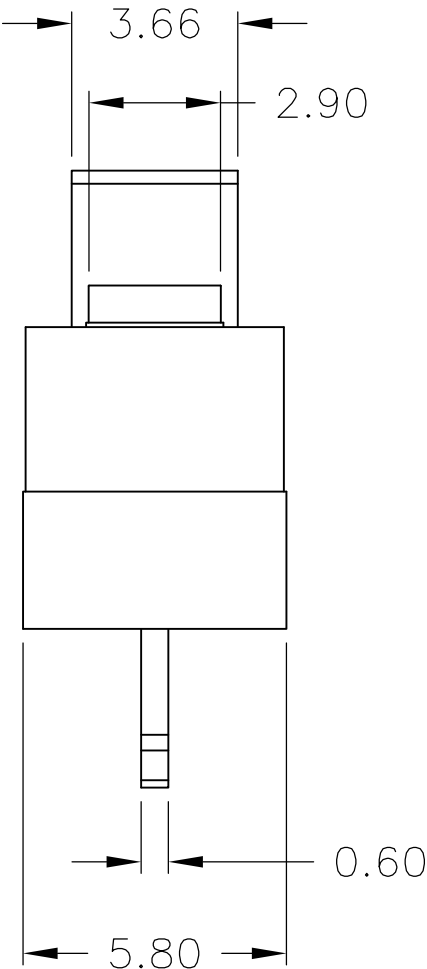
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



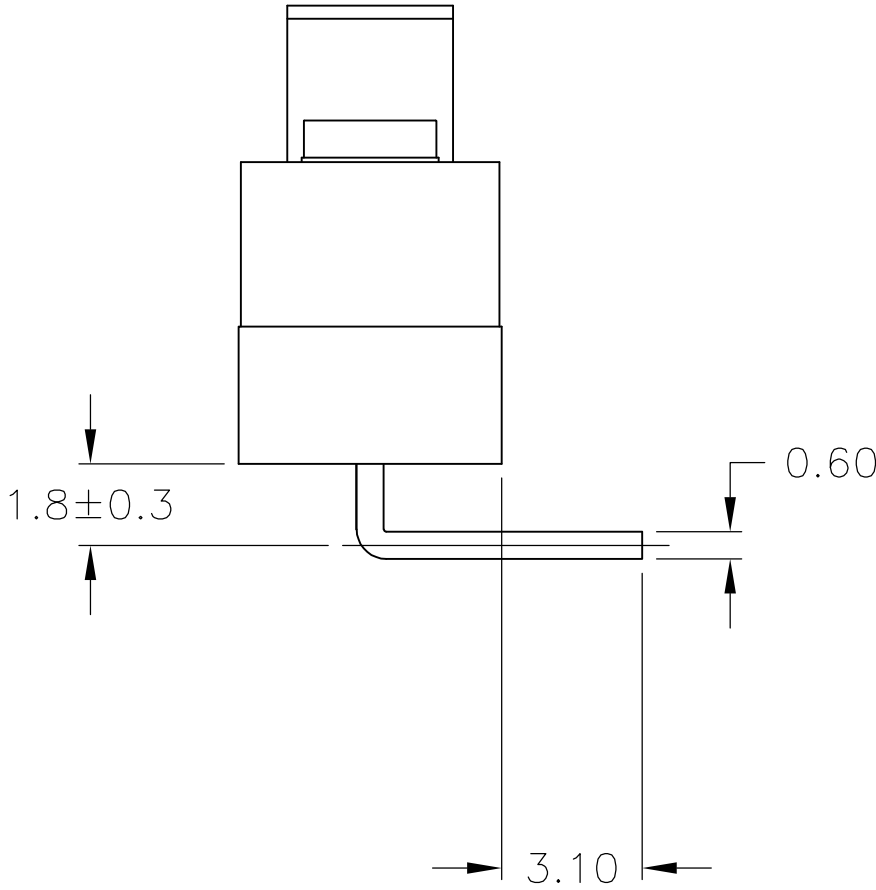
VIEW SHOWN WITH LEVER REMOVED



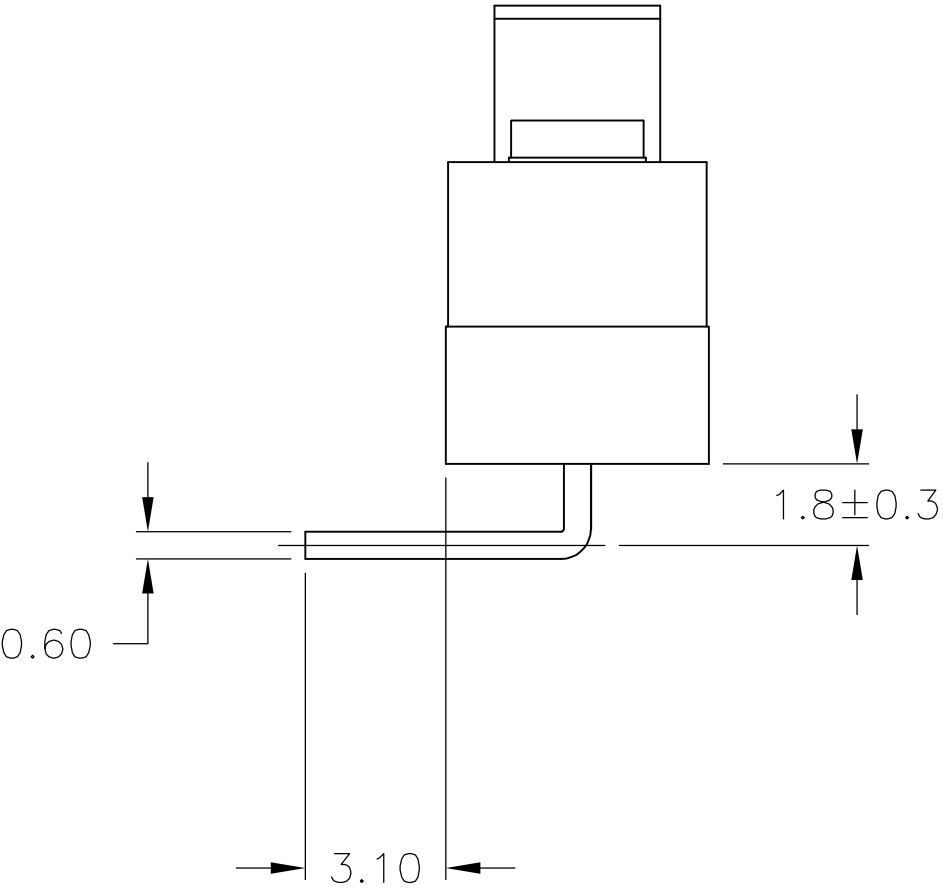
STRAIGHT LEVER SHOWN



PCB TERMINAL



PCB RIGHT TERMINAL



PCB LEFT TERMINAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 31JAN2005	TE Connectivity			
DIMENSIONS: mm		CHK M. ZITTO 31JAN2005				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.40 3 PLC ± - 4 PLC ± - ANGLES ± 1°		APVD M. ZITTO 31JAN2005	NAME		
			PRODUCT SPEC	SWITCH, SNAP ACTION, ULTRAMINIATURE		
			APPLICATION SPEC			
MATERIAL		FINISH	WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO C=1825043
				RESTRICTED TO		
CUSTOMER DRAWING			SCALE 6:1	SHEET 2 OF 2	REV B8	

Mouser Electronics

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