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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
	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

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DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL
-

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

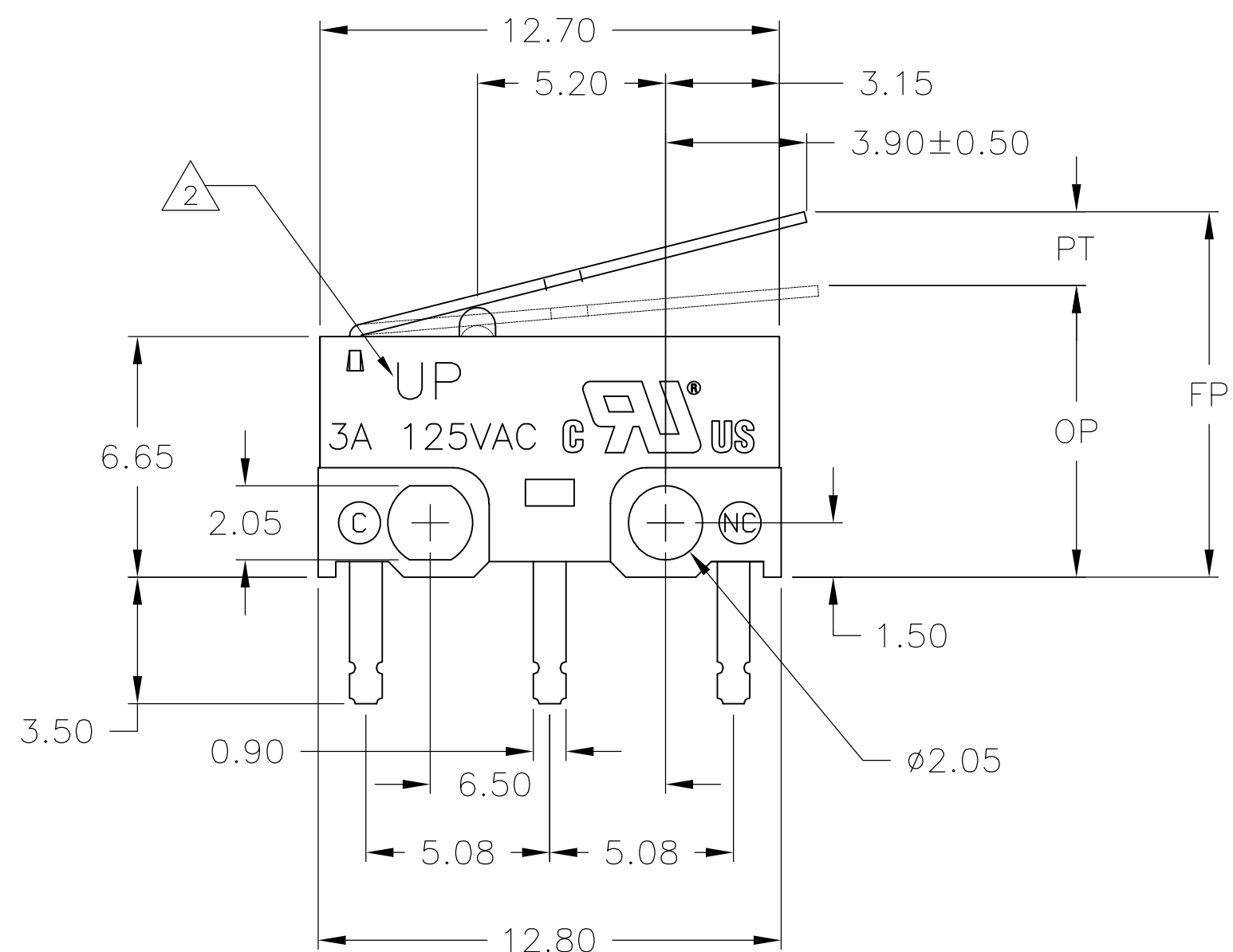
DRAWING NO
C-1825043

RESTRICTED TO
-

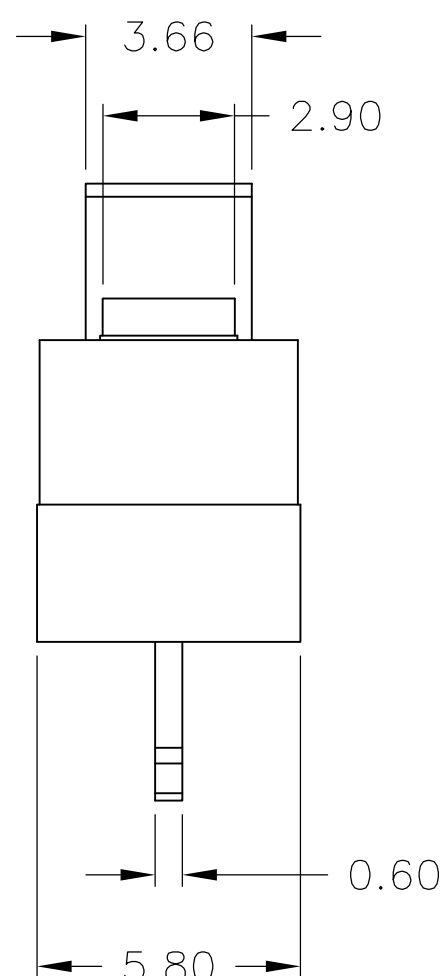
SCALE
6:1

SHEET
1 of 2

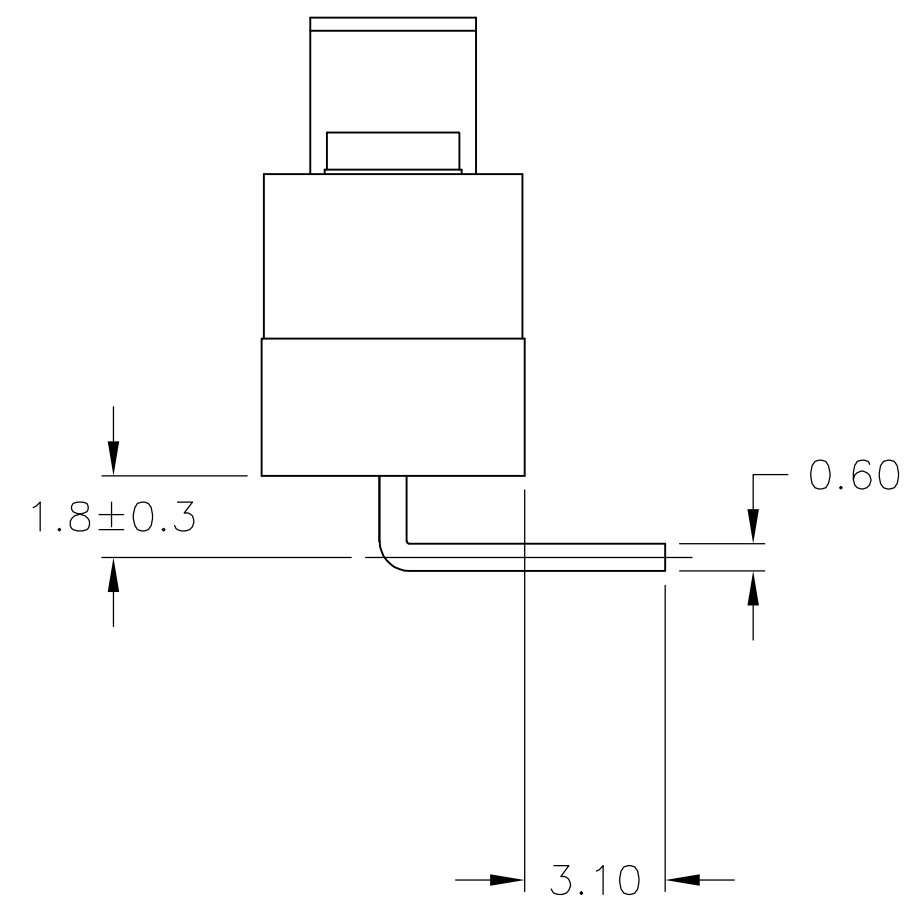
REV
B8



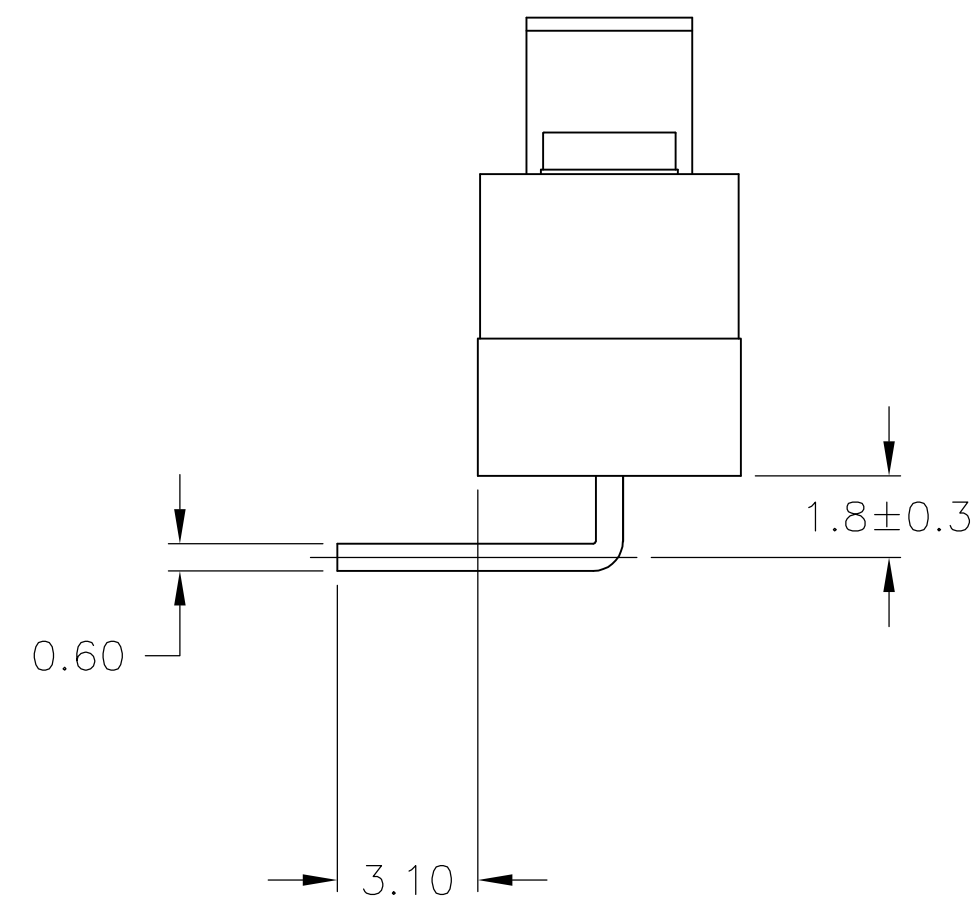
STRAIGHT LEVER SHOWN



PCB TERMINAL



PCB RIGHT TERMINAL



PCB LEFT TERMINAL

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

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[UP01DTAOLA04](#)