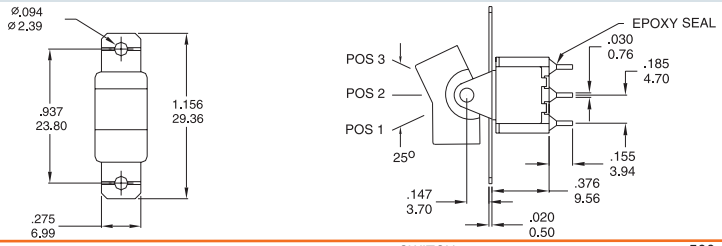
Miniature Rocker & Paddle Switches

RK13 Series

UL version available by request



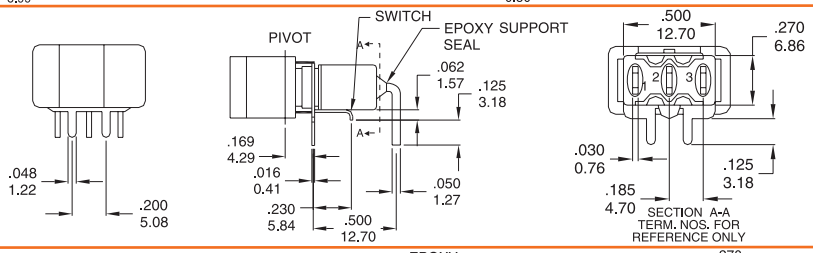
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UL version available by request



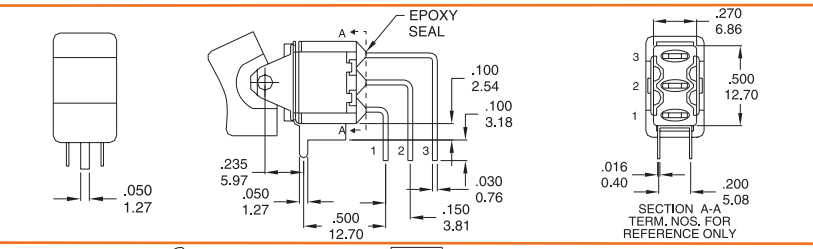
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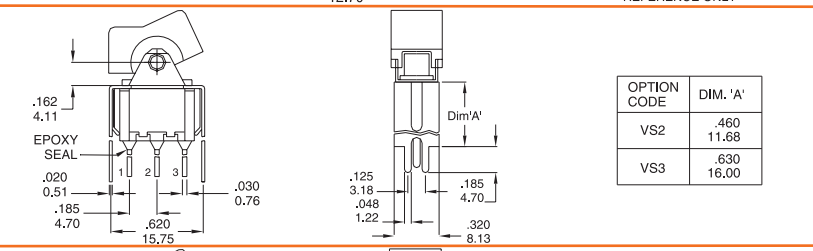
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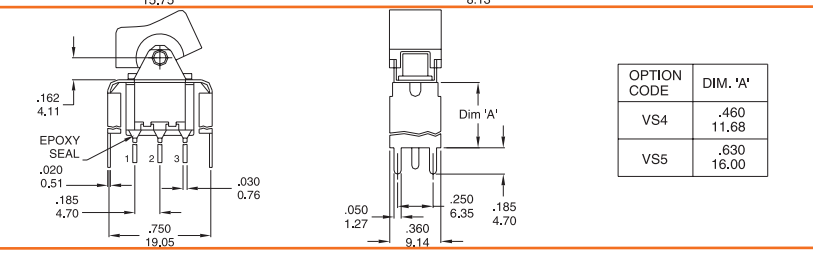
RK13S1J1NANVS2AGEV



UL version available by request



RK13S1J1NANVS4AGEV



How to order:

RK13 [1] [2] [3] [4] [5] [6] [7] [8] [9]

1 POLES & SWITCH FUNCTION:

- S1 SP ON-NONE-ON
- S2 SP ON- NONE-MOM
- S3 SP ON-OFF-ON
- S4 SP MOM-OFF-MOM
- S5 SP ON-OFF-MOM
- D1 DP ON-NONE-ON
- D2 DP ON-NONE-MOM
- D3 DP ON-OFF-ON
- D4 DP MOM-OFF-MOM
- D5 DP ON-OFF-MOM
- D6 DP ON-ON-ON
- D7 DP MOM-ON-MOM
- D8 DP ON-ON-MOM
- T1 3P ON-NONE-ON
- T2 3P ON-NONE-MOM
- T3 3P ON-OFF-ON
- T4 3P MOM-OFF-MOM
- T5 3P ON-OFF-MOM
- F1 4P ON-NONE-ON
- F2 4P ON-NONE-MOM
- F3 4P ON-OFF-ON
- F4 4P MOM-OFF-MOM
- F5 4P ON-OFF-MOM
- F6 4P ON-ON-ON
- F7 4P MOM-ON-MOM
- F8 4P ON-ON-MOM

2 ACTUATOR:

- A1 13.49 Long Rocker (Support)
- A2 Lever(Support)
- A3 23.01 Long Rocker (Support)
- A4 Lever (Support)
- A5 33.08 Long Rocker (Support)
- A6 Rocker with Frame
- A6K Rocker with Frame, Snap-in
- A7 Lever with Frame
- A7K Lever with Frame, Snap-in
- A8 Lever with Frame
- A9 Lever with Frame
- A11 9.19 Long Rocker (Support)
- A12 Lever (Support)
- A13 Lever (Support)
- A16 Lever (Support)
- A17X Rocker with Frame for LED, Snap-in
- A18X Lever with Frame for LED, Snap-in

P.C.MOUNT Only

- J1 13.49 Long Rocker
- J2 Lever
- J3 23.01 Long Rocker
- J4 Lever
- J5 9.19 Long Rocker
- J6 Lever
- J7 Lever
- J8 Lever

3 ACTUATOR MARKING

A		D		G	ON/OFF
B		E		H	
C		F		N	

4 + 5 ACTUATOR & FRAME COLOR

A	Black(Std.)	H	Grey	B	White
F	Green	E	Yellow	D	Orange
C	Red	K	Brown	G	Blue
N	Without				

6 TERMINALS:

- T1 Solder Lug
- T2 PC Thru-hole
- T3 Quick Connect
- T51 18.70 High, Wire Wrap
- T52 24.20 High, Wire Wrap
- T53 10.50 High, Wire Wrap
- T54 26.97 High, Wire Wrap
- T6 Right Angle, PC Thru- hole
- T6N Right Angle, Snap-in PC Thru-hole
- T7 Vertical Right Angle, PC Thru-hole
- T7N Vertical Right Angle, Snap-in, PC Thru-hole
- VS2 11.68 High, V-bracket
- V2N 11.68 High, Snap-in, V-bracket
- VS3 16.00 High, V-bracket
- VS4 11.68 High, V-bracket
- VS5 16.00 High, V-bracket

7 CONTACT MATERIAL:

- AG Silver
- AU Gold
- UT Gold, Tin-lead
- GT Silver, Tin-lead
- UG Gold over Silver
- UGT Gold over Silver, Tin-lead

8 SEAL:

- E Epoxy (Standard)
- N No Epoxy

9 ROHS & LEAD FREE:

- blank RoHS compliant
- V RoHS & lead free

General Specifications:

MATERIALS

» Movable Contact & Fixed Terminals:
AG, GT, UG & UGT: Silver plated over copper alloy
AU & UT: Gold over nickel plated over copper alloy
» Actuator: Nylon
» Bushing: Brass, nickel plated
» Housing: Stainless Steel
» Switch Support: Brass, tin plated

MECHANICAL

» Operating Temperature: -30°C to +85°C
» Mechanical Life: 40,000 cycles

CONTACT RATING

» AG, GT, UG & UGT: 5A 120VAC/28VDC
2A 250VAC
» AU & UT: 0.4 VA max. 20V max. (AC/DC)

ELECTRICAL

» Contact Resistance: 10m Ω max. initial @ 2-4VDC for both silver & gold plated contacts
» Insulation Resistance: 1,000M Ω min
» Dieletric Strength: 1,000V RMS@sea level

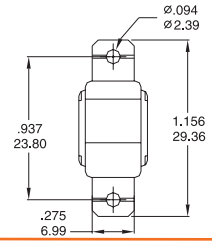
Miniature Rocker & Paddle Switches

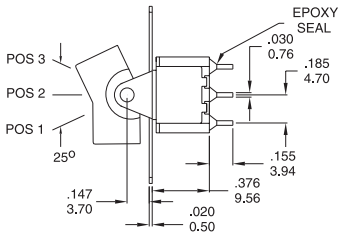
RK13 Series

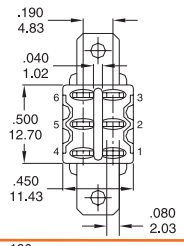
UL version available by request



RK13D1A1NANT1AGEV



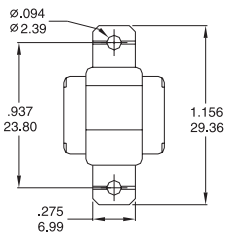


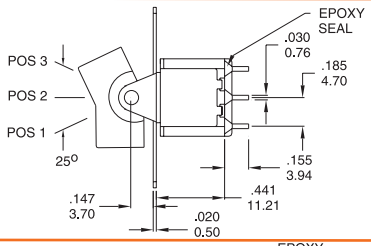


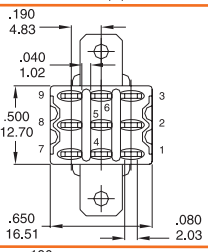
UL version available by request



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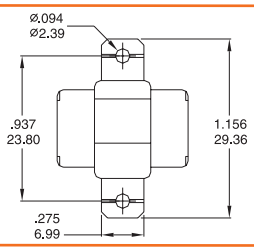


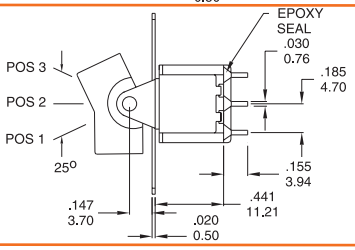


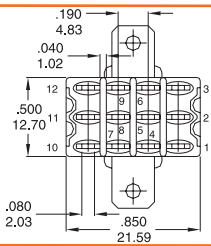
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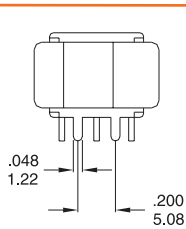


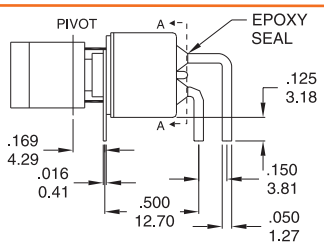


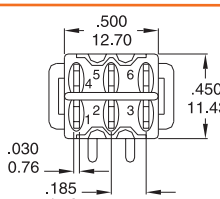
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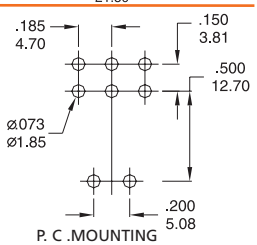


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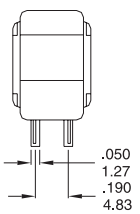


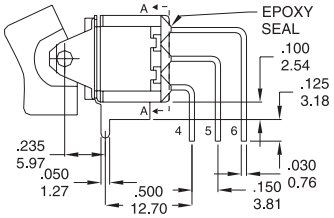


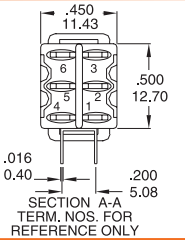
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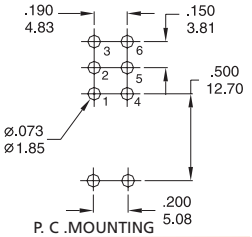


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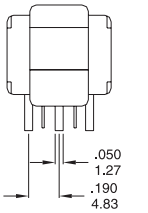


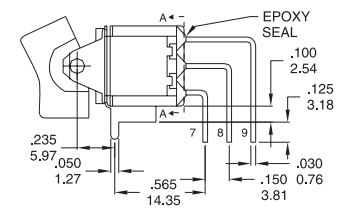


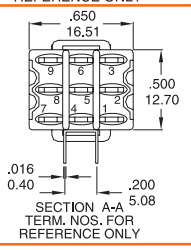
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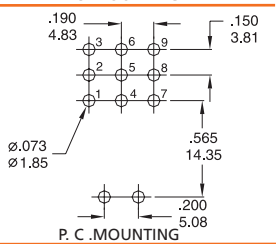


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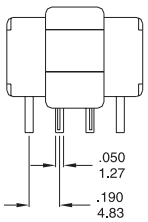


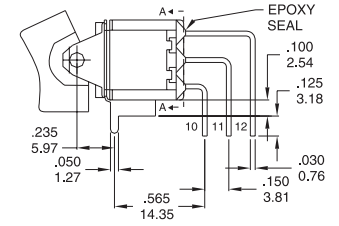


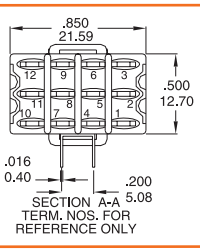
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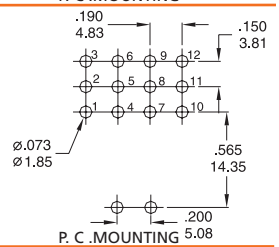


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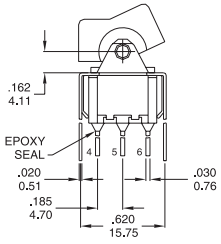


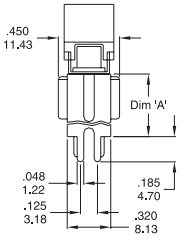


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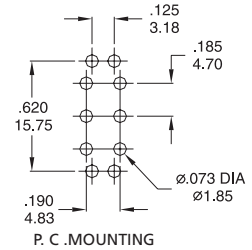


RK13D1J1NANVS2AGEV





OPTION CODE	DIM. 'A'
VS2	.460 11.68
VS3	.630 16.00



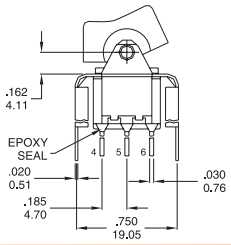
Miniature Rocker & Paddle Switches

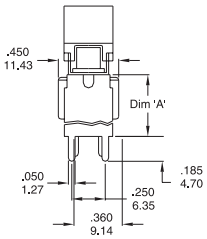
RK13 Series

UL version available by request

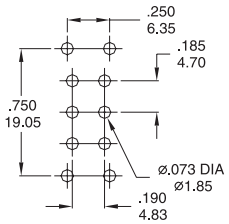


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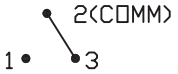
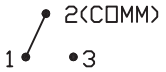
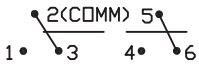
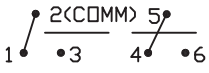
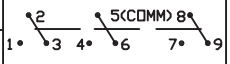
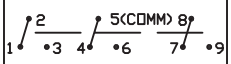
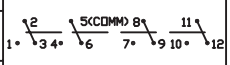
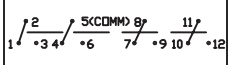


OPTION CODE	DIM. 'A'
VS4	.460 11.68
VS5	.630 16.00



P. C .MOUNTING

SWITCH FUNCTION

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
							
SP	S1	ON	NONE	ON	2-3	N/A	2-1
	S2	ON	NONE	MOM			
	S3	ON	OFF	ON		OPEN	
	S4	MOM	OFF	MOM			
	S5	ON	OFF	MOM			
DP	D1	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	D2	ON	NONE	MOM			
	D3	ON	OFF	ON		OPEN	
	D4	MOM	OFF	MOM			
	D5	ON	OFF	MOM			
	D6	ON	ON	ON	2-3,5-6	2-3,5-4	2-1,5-4
▲	D7	MOM	ON	MOM			
▲	D8	ON	ON	MOM			
3P	T1	ON	NONE	ON	2-3,5-6,8-9	N/A	2-1,5-4,8-7
	T2	ON	NONE	MOM			
	T3	ON	OFF	ON		OPEN	
	T4	MOM	OFF	MOM			
	T5	ON	OFF	MOM			
4P	F1	ON	NONE	ON	2-3,5-6,8-9,11-12	N/A	2-1,5-4,8-7,11-10
	F2	ON	NONE	MOM			
	F3	ON	OFF	ON		OPEN	
	F4	MOM	OFF	MOM			
	F5	ON	OFF	MOM			
	F6	ON	ON	ON	2-3,5-6,8-9,11-12	2-3,5-4,8-9,11-10	2-1,5-4,8-7,11-10
▲	F7	MOM	ON	MOM			
▲	F8	ON	ON	MOM			

MOM=MOMENTARY

▲ Please check the availability in advance before order

ACTUATOR OPTIONS FOR PANEL MOUNT ONLY



A1



A3



A2

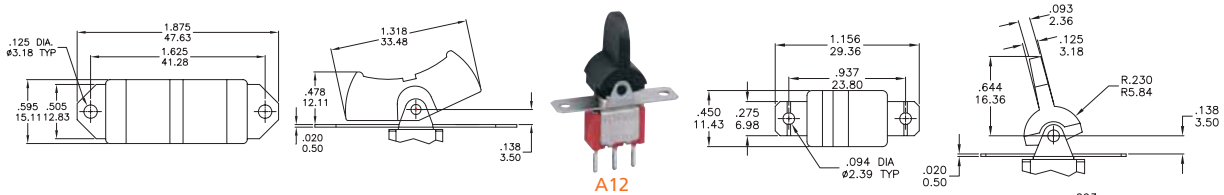


A4

ACTUATOR OPTIONS SNAP-IN FRONT MOUNT



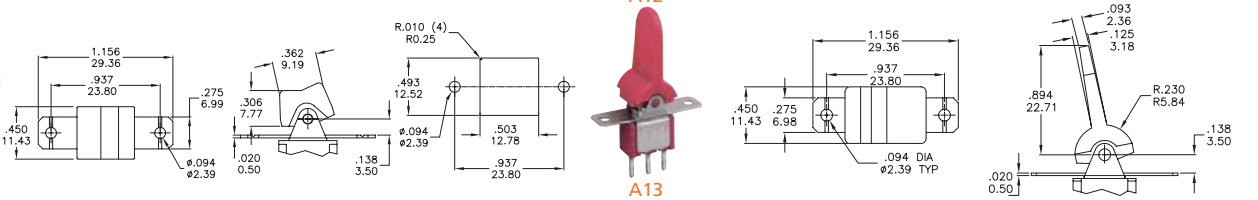
A5



A12



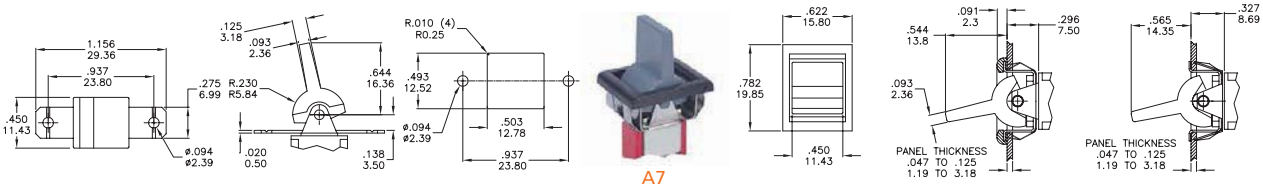
A11



A13



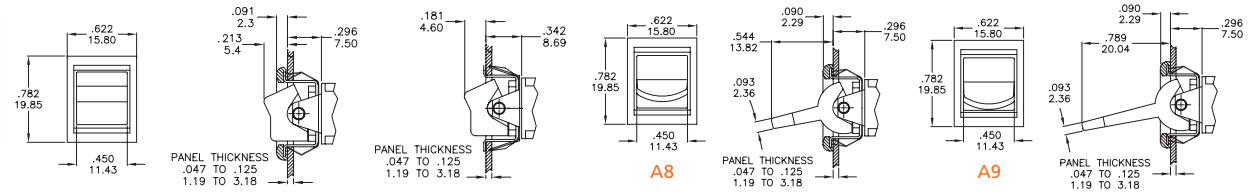
A16



A7



A6

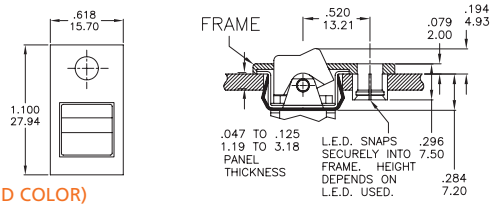


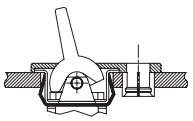
A8

A9



A18X (X=LED COLOR)





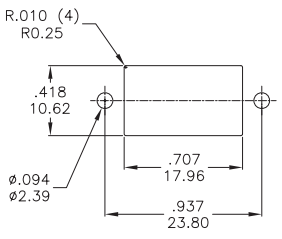
LED Colors (Only For A17, A18 Type)

OPTION CODE	COLOR
C	RED(std)
D	ORANGE
F	GREEN

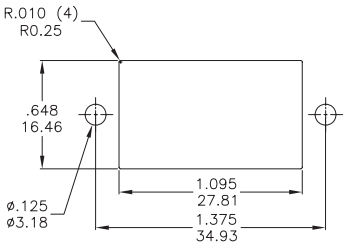
Actuator and Frame Colors (Only For A17, A18 Type)

OPTION CODE	COLOR
B	WHITE
A	BLACK(std)
C	RED

RECOMMENDED MOUNTING

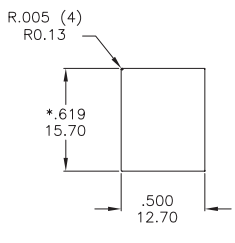


For A1-A2

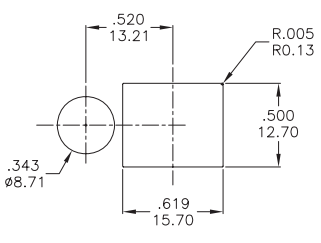


For A3-A4

*For A8 and A9: Increase this dim. to .620/.625(15,75/15,88) for .091/.125 (2,31/3,18) thk. panels.



For A6-A9

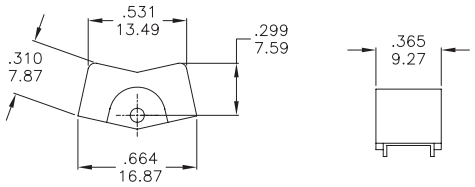


For A17-A18

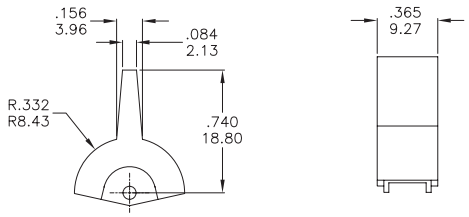
* For A6 and A7: Increase this dim. to .620/.625(15,75/15,88) for .060/.125 (1,52/3,18) thk. panels.

ACTUATOR OPTIONS FOR P. C. MOUNT ONLY

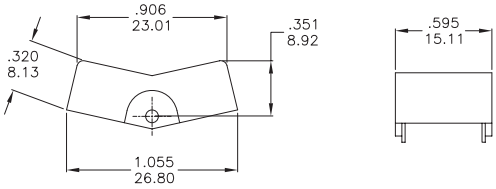
J1



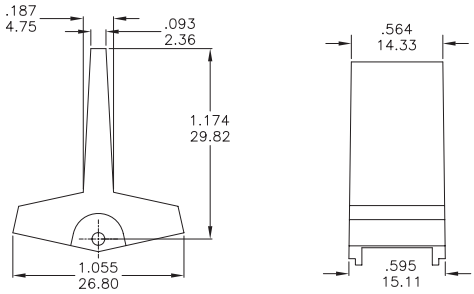
J2



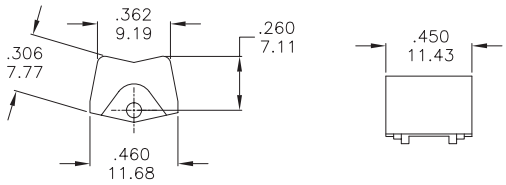
J3



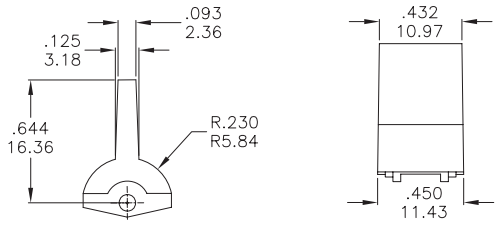
J4



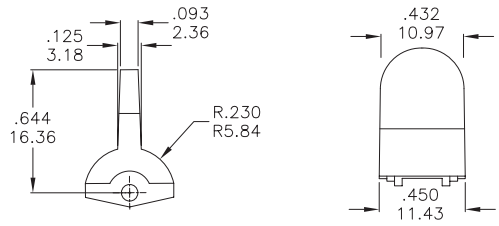
J5



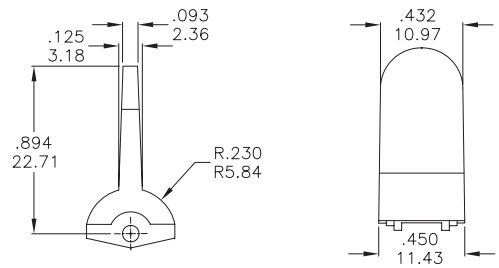
J6



J7

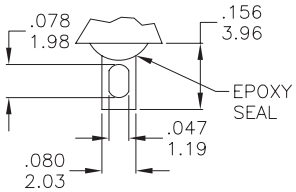


J8



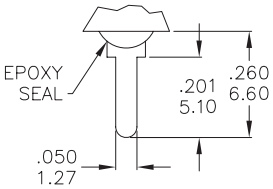
TERMINATION OPTIONS

T1 SOLDER LUG



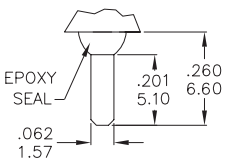
THK .030(0.76)

T2 PC THRU - HOLE



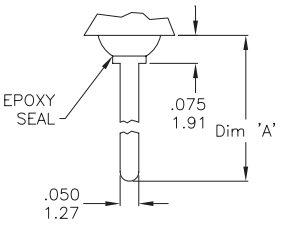
THK .030(0.76)

T3 QUICK CONNECT



THK .030(0.76)

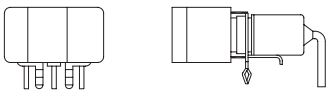
T5 WIRE WRAP



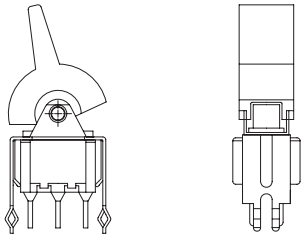
THK .030(0.76)

OPTION CODE	DIM. 'A'
T51	.737(18.70)
T52	.953(24.20)
T53	.415(10.55)
T54	1.062(26.97)

SNAP - IN TERMINATION OPTIONS



T6N



V2N