

R300 Series*Miniatur Rocker and Paddle Switches***SPECIFICATIONS**

CONTACT RATING : Dependent upon contact material See page 18.

ELECTRICAL LIFE : 50,000 make-and-break cycles at full load.

CONTACT RESISTANCE : 10mΩ max. initial @ 2-4 VDC. 100 mA for both silver and gold plated contacts.

INSULATION RESISTANCE : 1,000 MΩ min.

DIELECTRIC STRENGTH : 1,000 V RMS min. @ sea level.

OPERATING TEMPERATURE : -30°C to 130°C.

MATERIALS

CASE : Diallyl phthalate (DAP)(UL94V-0).

ACTUATOR : Nylon,black standard.

BUSHING : Brass, nickel plated.

HOUSING : Stainless steel.

SWITCH SUPPORT : Brass,tin plated.

TERMINAL/CONTACT : Silver or gold plated. See page 18.

TERMINAL SEAL : Epoxy

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS/SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	R100	ON	NONE	OFF		OPEN	
	R101	ON	NONE	ON	2-3		2-1
	R102	ON	NONE	MOM			
	R103	ON	OFF	ON			
	R104	MOM	OFF	MOM			
	R105	ON	OFF	MOM			
DP	R201	ON	NONE	ON	2-3,5-6	OPEN	2-1,5-4
	R202	ON	NONE	MOM			
	R203	ON	OFF	ON			
	R204	MOM	OFF	MOM			
	R205	ON	OFF	MOM			
	R206	ON	ON	ON	2-3,5-6	2-3,5-4	2-1,5-4
3P	R301	ON	NONE	ON	2-3,5-6,8-9	OPEN	2-1,5-4,8-7
	R302	ON	NONE	MOM			
	R303	ON	OFF	ON			
	R304	MOM	OFF	MOM			
	R305	ON	OFF	MOM			
4P	R401	ON	NONE	ON	2-3,5-6,8-9,11-12	OPEN	2-1,5-4,8-7,11-10
	R402	ON	NONE	MOM			
	R403	ON	OFF	ON			
	R404	MOM	OFF	MOM			
	R405	ON	OFF	MOM			
	R406	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

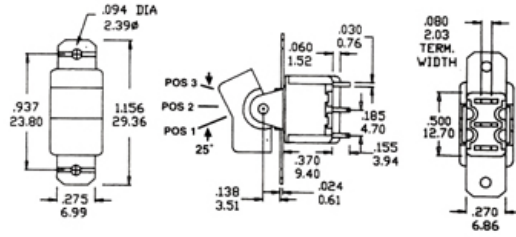
MOM=MENTORY

R300 Series

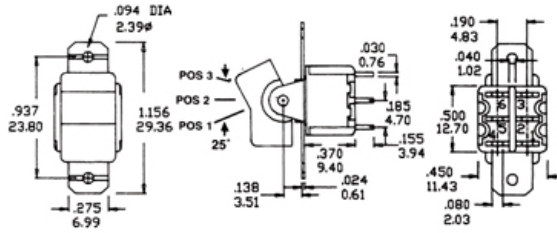
Miniatur Rocker and Paddle Switches



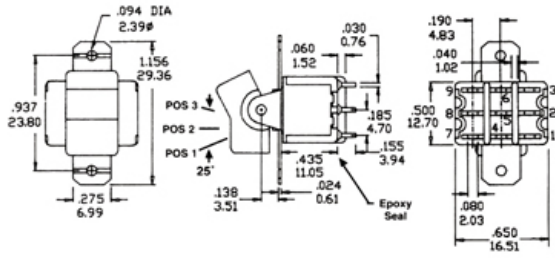
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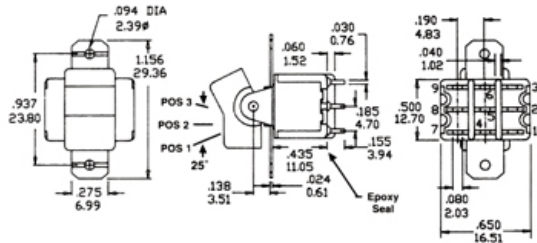
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3PDT Part No.R301R1A1QE



4PDT Part No.R401R1A1QE

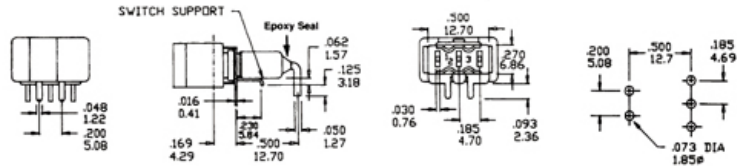


A3

P.C. MOUNTING



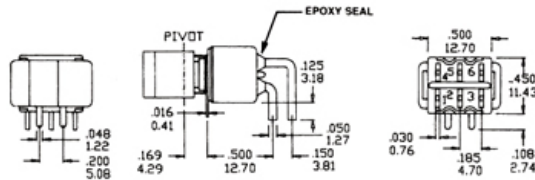
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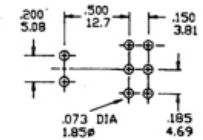
R300 Series

Miniatur Rocker and Paddle Switches

A3

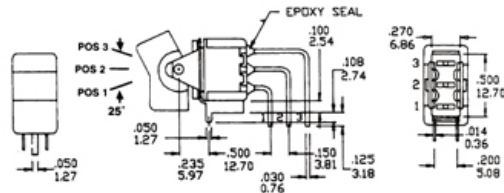


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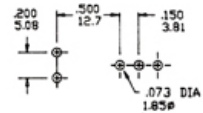


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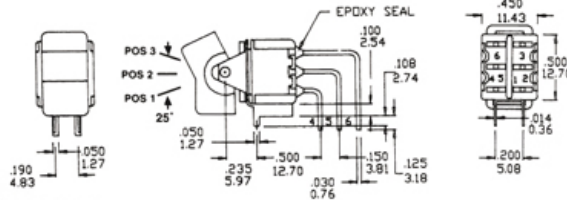


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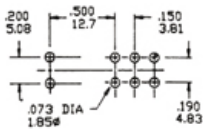


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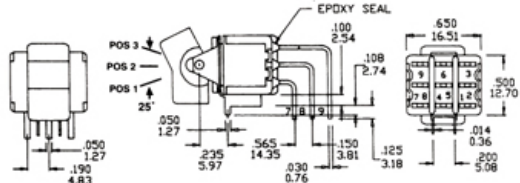


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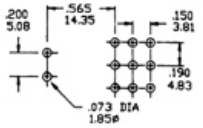


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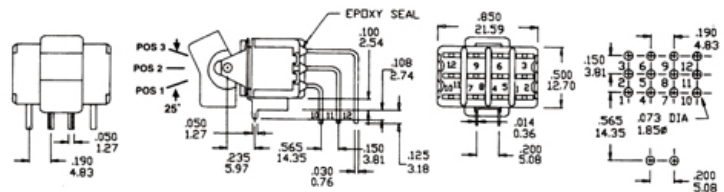


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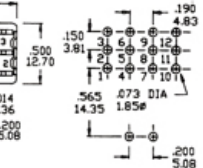


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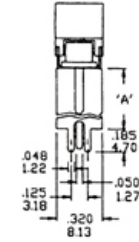
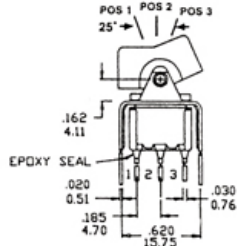


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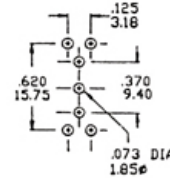
R300 Series

Miniatur Rocker and Paddle Switches

VS1

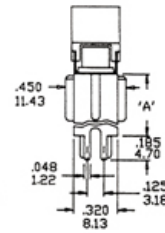
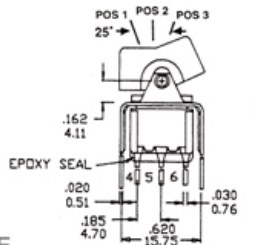


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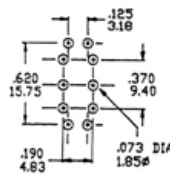


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VS1

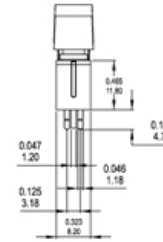
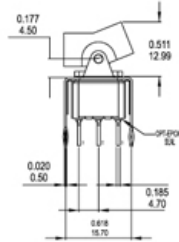


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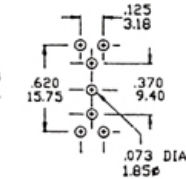


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VS2

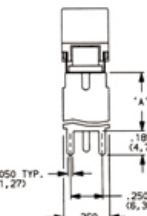
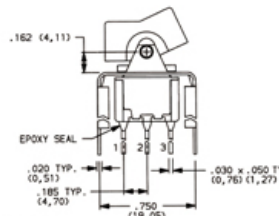


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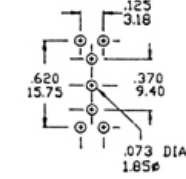


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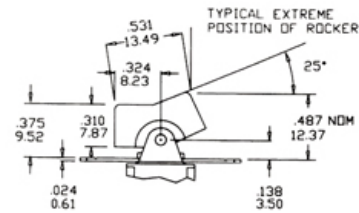
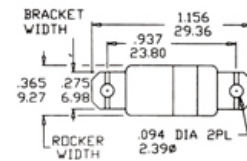


P.C. MOUNTING



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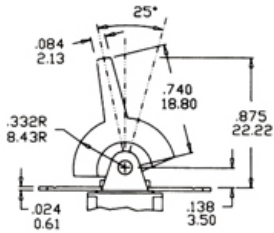
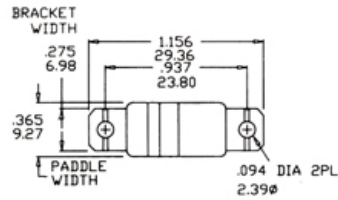
ACTUATOR R1



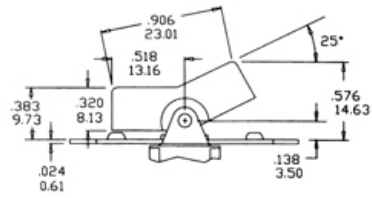
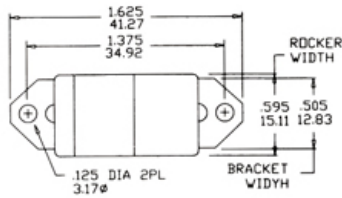
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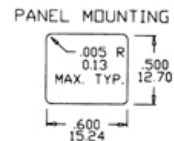
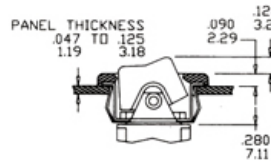
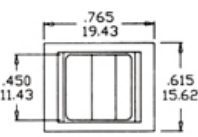
R2



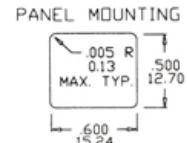
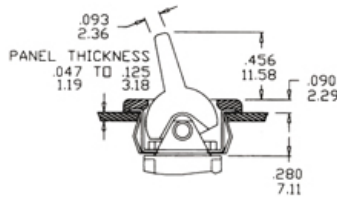
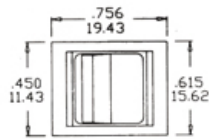
R3



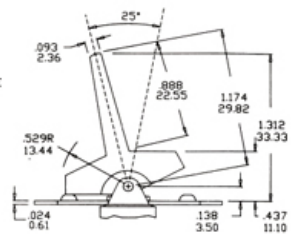
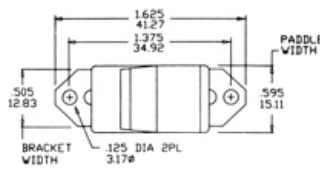
R4



R5



R6

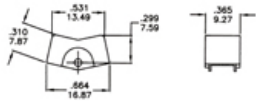


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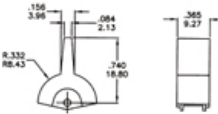
Miniatur Rocker and Paddle Switches

ACTUATOR OPTIONS

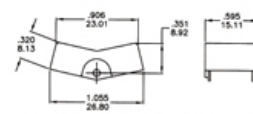
R1



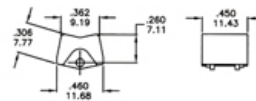
R2



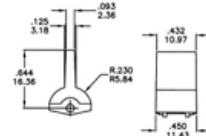
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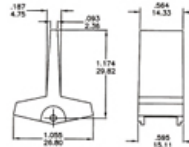
R4



R5

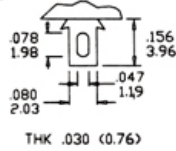


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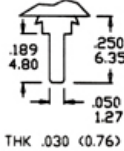


TERMINATION OPTIONS

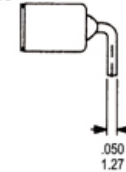
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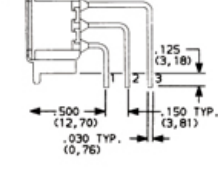
A2



A3



A4



CONTACT RATING

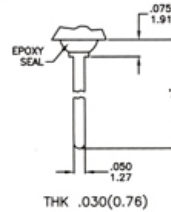
Q

FIXED TERMINAL : Silver plated over copper alloy
MOVING CONTACT : Silver plated over copper alloy
RATING : 5 Amps with resistive load@120VAC or 28VDC
 2 Amps with resistive load@250VAC

G

FIXED TERMINAL : Copper alloy with gold plated over nickel plate
MOVING CONTACT : Copper alloy with gold plated over nickel plate
RATING : 0.4 Volt-Amps(VA) max. @20V max. (AC or DC)

A5



OPTION CODE	DIM. 'A'
A5-1	.700(17.80)
A5-2	.744(17.80)

HOW TO ORDER

MODEL NO.	ACTUATOR	ACTUATOR/COLOR	FRAME/COLOR FOR R4-R5 OPTIONS	TERMINATIONS	CONTACT MATERIAL	SEAL
R100 R201 R301 R401 R101 R202 R302 R402 R102 R203 R303 R403 R103 R204 R304 R404 R104 R205 R305 R405 R105 R206 R406	R1 R2 R3 R4 R5 R6	1 (Black std.) 2 (Red) 3 (Green) 4 (Blue) 5 (Gray) 6 (White) 7 (Yellow)	1 (Black std.) 2 (Red) 3 (Green) 4 (Blue) 5 (Gray) 6 (White) 7 (Yellow)	A1 A2 A3 A4 A5-1 A5-2 VS1 VS2 VS3	Q=Silver G=Gold	E=EPOXY N=NO EPOXY