

## Ordering Table — Washable Rocker & Paddle Switches

Designed to be wave soldered along with other Printed Circuit Board Components and withstand associated cleaning processes.

### HOW TO ORDER YOUR DESIGN (Bold Face Type indicates items normally in Distributor Stock)

Following the table from left to right, the designer is able to specify the options wanted. The options are described and illustrated on the following pages.

To determine a part number select the options desired and fill in the boxes in the selection guides illustrated below.

### Washable Rocker/Paddle Switch Selection Guide

Switch Series		Poles and Throw		Circuit			Actuator		Terminal Type		Contact Material		Actuator Color	
Series	Type	Code	No.	Code	Description			Code	Type	Code	Type	Code	Type	Code
Rocker	WR	SPDT	1				POS. "C"		Rocker (Screw Mount)	J1	Right Angle PC	A	Gold/Brass	B
Paddle	WP	DPOT	2	ON	OFF	ON	21		Paddle (Screw Mount)	J2	Vertical PC	AV2	Gold/Silver	G
				ON	NONE	ON	23		Rocker Actuator	J71	.150 Spacing	C	Coin Silver	Q
				ON	NONE	ON*	26		Paddle Actuator	J72	PC & Support	V3		K
				ON*	OFF	ON*	27		Rocker Actuator	J76	.750 Wire Wrap	W		L
				ON	OFF	ON*	31		Paddle Actuator	J77	.964 Wire Wrap	W1		M
				ON	ON	ON	32	1			.425 Wire Wrap	W3		
				ON	ON	ON*	33	1			1.062 Wire Wrap	W4		
				ON*	ON	ON*	35	1			Solder Lug	Z		
											Quick Connect	Z3		

\*Momentary Contact.

1 2 Pole Only.

2 Contact Electroswitch for availability.

3 Refer to page 59 for circuit diagram.

4 Same as B, G, and Q respectively except terminals brass with fine nickel alloy over nickel plate. Consult factory for availability.

5 Available with C, Z, Z3, W-W4 termination.

6 Available with A, AV2, V3, termination.

### EXAMPLES:

**WR123J71AQ2** = SPDT rocker switch with an ON-NONE-ON circuit, J71 style rocker actuator (black), right angle P.C. terminals with coin silver contacts.

**WP227J2CG2** = DPDT paddle switch with an ON\*-OFF-ON\* circuit, J2 style paddle actuator (black), screw-in direct panel mounting frame, P.C. terminals with gold/silver contacts.

### SPECIFICATIONS:

#### Contact Ratings —

Letter codes G and Q — 6 amp at 125 VAC, 3 amp @ 250 VAC (U.L. recognized, CSA certified) or 6 amp at 28 VDC resistive.

Letter codes B and G — 0.5. volt-amp (VA) maximum @ 28 V maximum (AC or DC).

**Life Under Load** — 60,000 make-and-break cycles — resistive load only.

**Initial Contact Resistance** — 10 milliohms maximum 3 VDC, 100 ma for both silver and gold plated contacts.

**Insulation Resistance** — 1,000 megohms, min.

**Dielectric Strength** — 1,000 volts rms at sea level.

**Operating Temperature** — -30 degrees C to 85 degrees C.

### MATERIALS:

**Base & Bushing** — Thermoplastic high temperature (UL 94V-O).

**Rocker/Paddle** — Molded nylon.

**Mounting Bracket** — Molded nylon.

**Support Brackets** — Brass or steel tin plated.

#### Switching Contacts and Rockers —

Letter Code B — gold/nickel/brass

Letter Code G — gold/nickel/silver

Letter Code Q — Coin silver

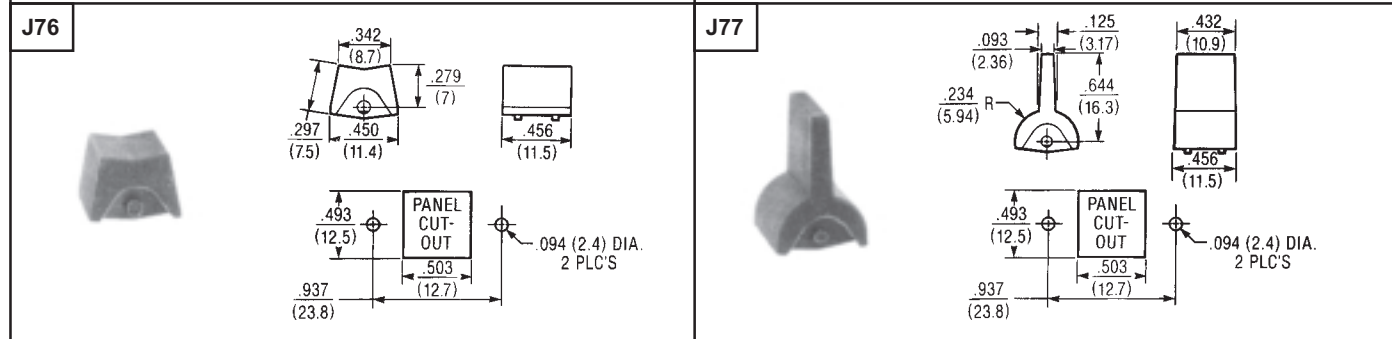
#### Center Terminal

Letter Codes B & G — Gold flash/nickel/brass

Letter Code Q — Silver plated brass.

**Hardware** — Two mounting screws, two nuts, two spacers for .094" thick panel, and two lockwashers are supplied standard on screw mounted switches.

### APPROXIMATE BASE DIMENSIONS



**Washable Rocker & Paddle Switches**

**TERMINATION OPTIONS**

C Printed Circuit	W Wire-Wrap	W1 Wire-Wrap	W3 Wire-Wrap	W4 Wire-Wrap	Z Standard	Z3 Quick Connect

Mating Receptacle from  
AMP SPECIAL IND., P.O.  
Box 984, Paoli, Pa. 19301  
Amp P/N single piece  
61454 series, strip from  
60900

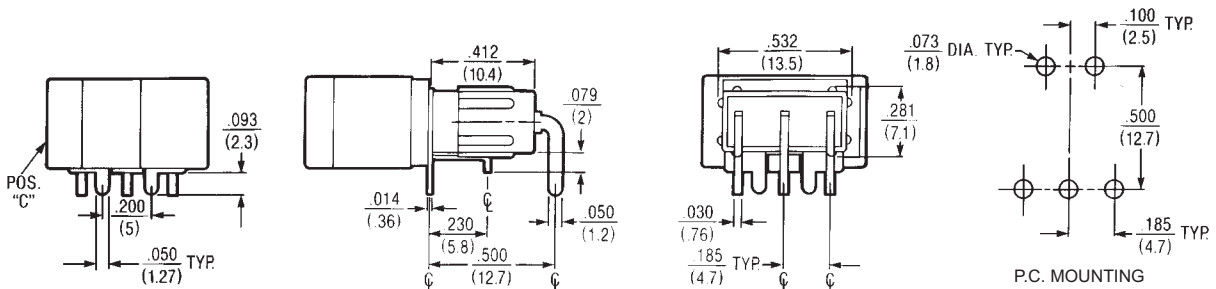
NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

**TERMINATION & MOUNTING OPTIONS**

**A**



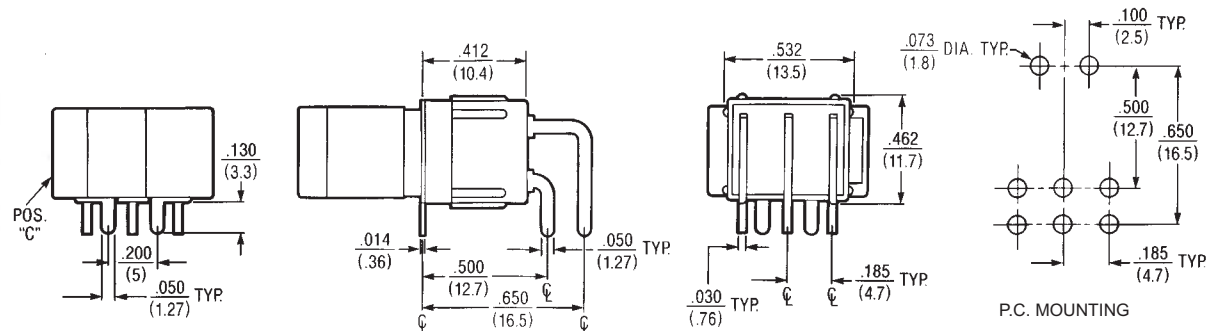
ONE POLE



**A**

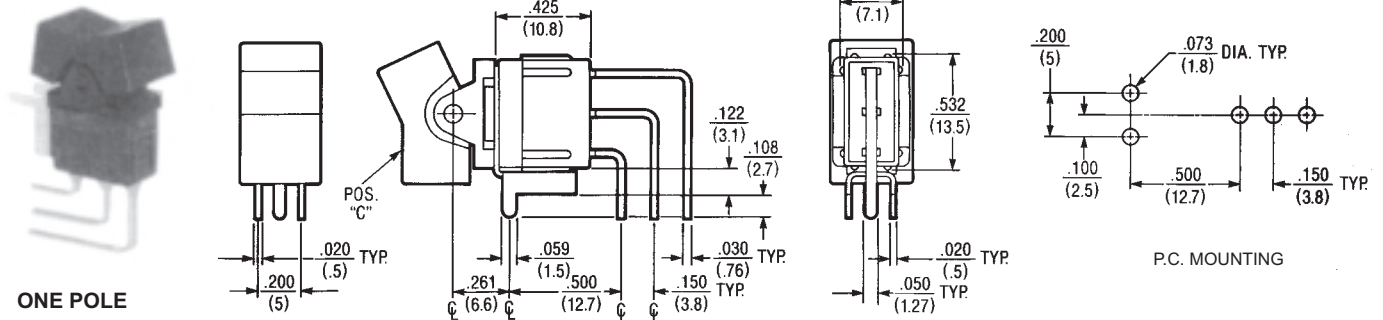


TWO POLE

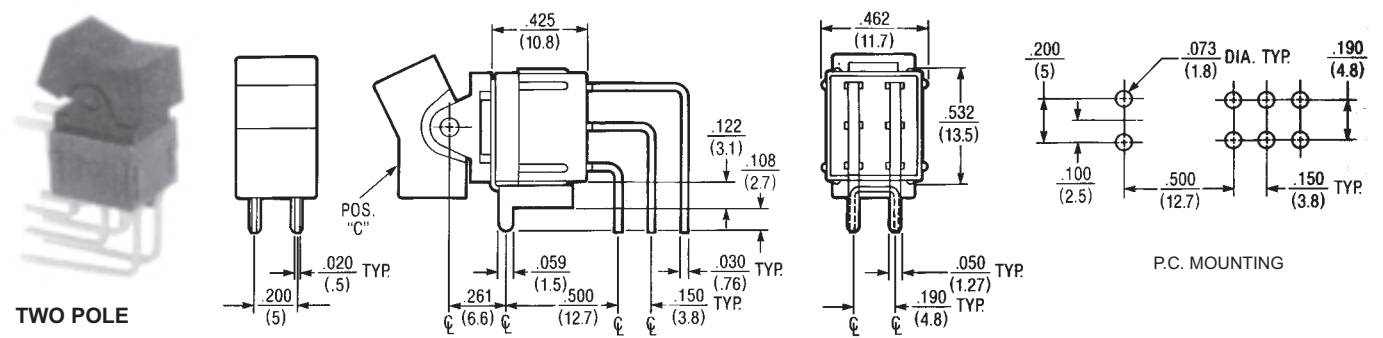


**TERMINATION & MOUNTING OPTIONS — Contd.**

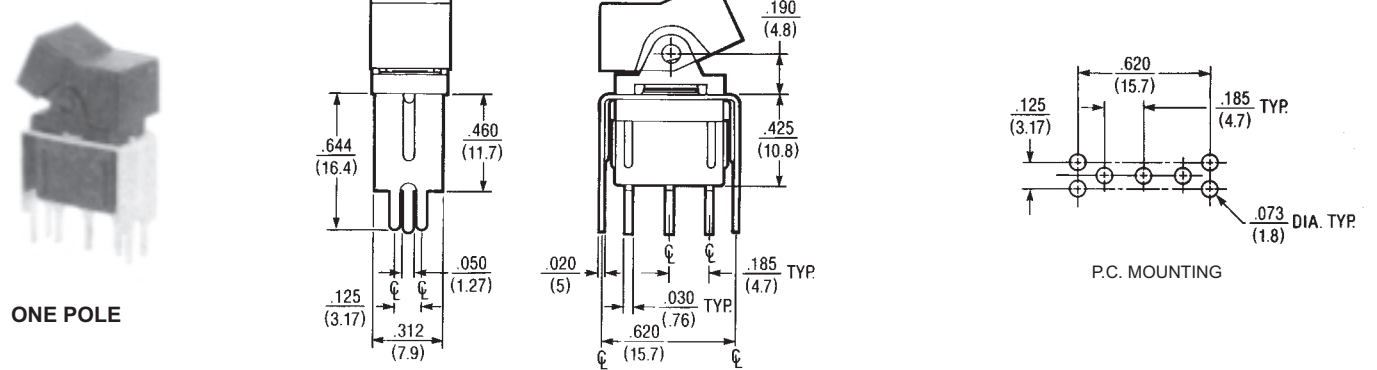
**AV2**



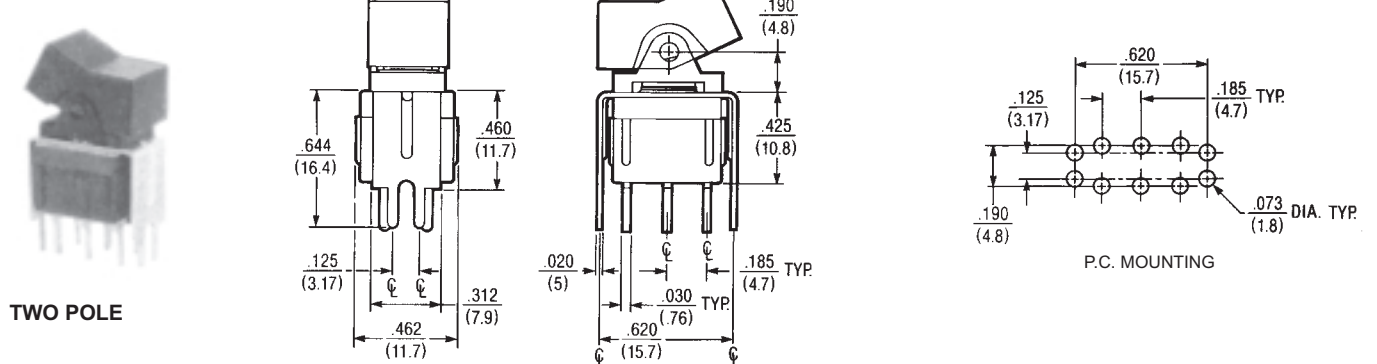
**AV2**



**V3**



**V3**



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Electroswitch:

[WP227J72V3Q2](#) [WP232J77V60Q2](#)