

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 | | Poles and Throw | | Circuits ③ | | | | Actuator Options | | Terminal Options | | Contact Material | | Actuator Color | |
| Type | Code | No. | Code | Description | | | Code | Type | Code | Type | Code | Type | Code | Type | Code |
| Rocker | WR | SPDT | 1 | | | POS. "C" | | Rocker ⑤ (Screw Mount) | J1 | Right Angle PC | A | Gold/Brass | B | White | 1 |
| Paddle | WP | DPOT | 2 | ON | OFF | ON | 21 | Paddle ⑤ (Screw Mount) | J2 | Vertical PC | AV2 | Gold/Silver | G | Black | 2 |
| | | | | ON | NONE | ON | 23 | Rocker Actuator ⑥ | J71 | .150 Spacing | C | Coin Silver | Q | Other ② | |
| | | | | ON | NONE | ON* | 26 | Paddle Actuator ⑥ | J72 | PC & Support | V3 | ④ | K | | |
| | | | | ON* | OFF | ON* | 27 | Rocker Actuator ⑥ | J76 | .750 Wire Wrap | W | ④ | L | | |
| | | | | ON | OFF | ON* | 31 | Paddle Actuator ⑥ | J77 | .964 Wire Wrap | W1 | ④ | 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

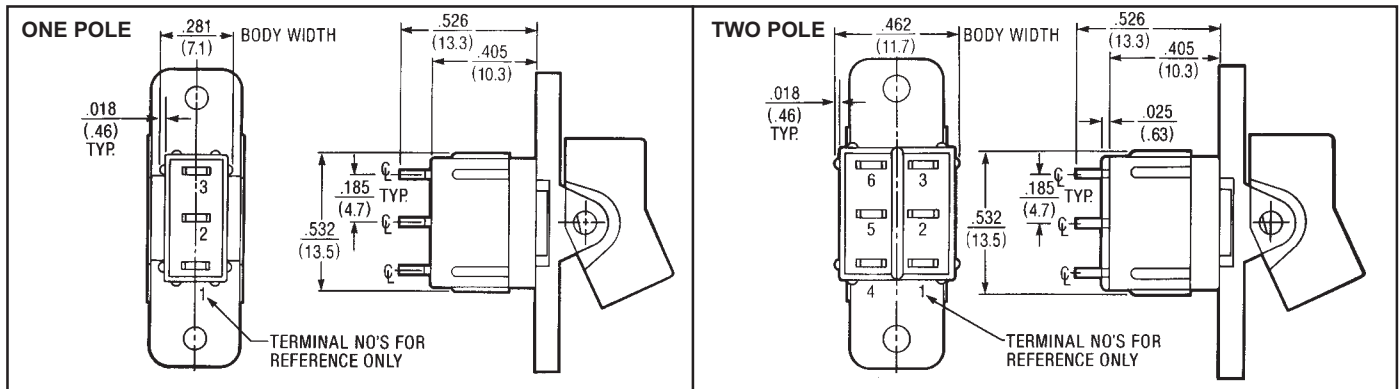
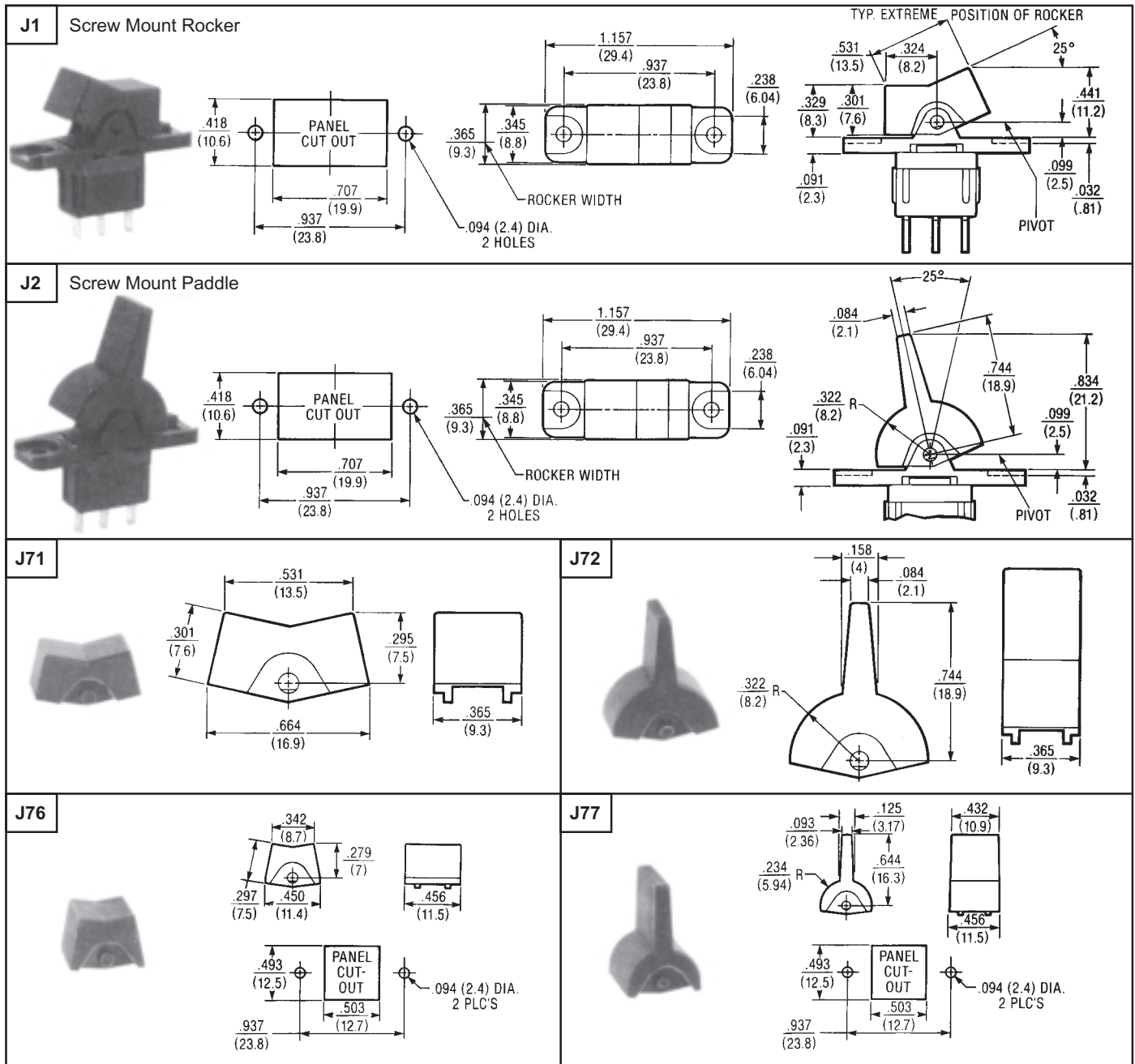
Letter Code Q — Coin silver

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.

Washable Rocker & Paddle Switches — Specifications
APPROXIMATE BASE DIMENSIONS

ACTUATOR/MOUNTING OPTIONS


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

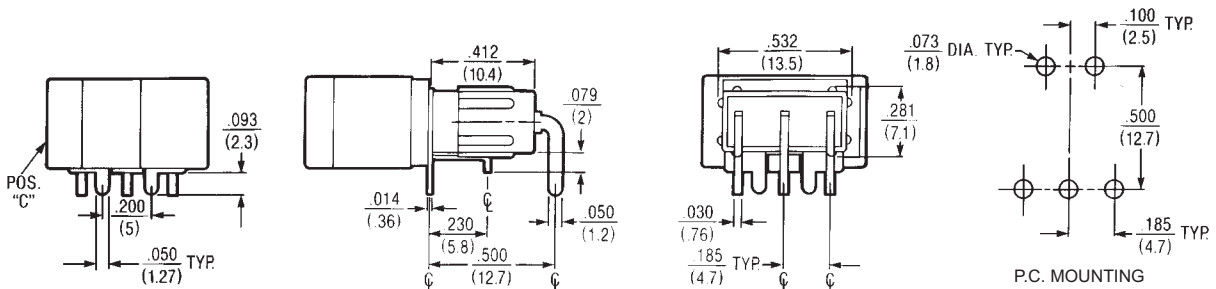
NOTE: Wire-Wrap is a registered trademark of the Gardner-Denver Company.

TERMINATION & MOUNTING OPTIONS

A



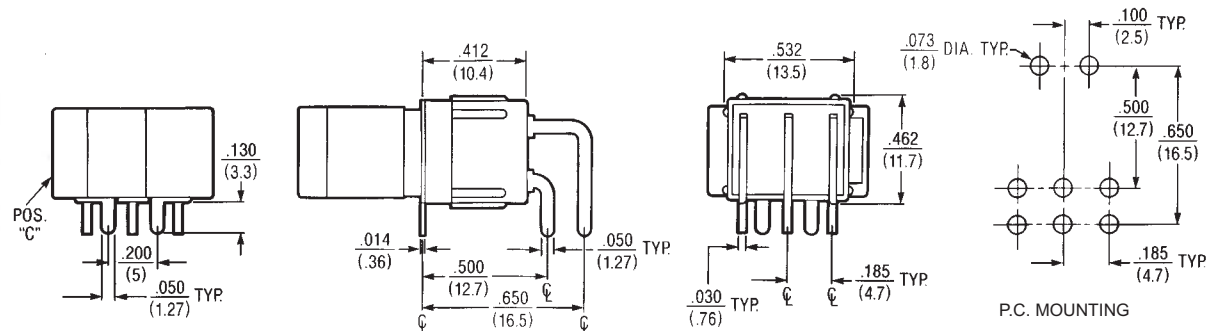
ONE POLE



A



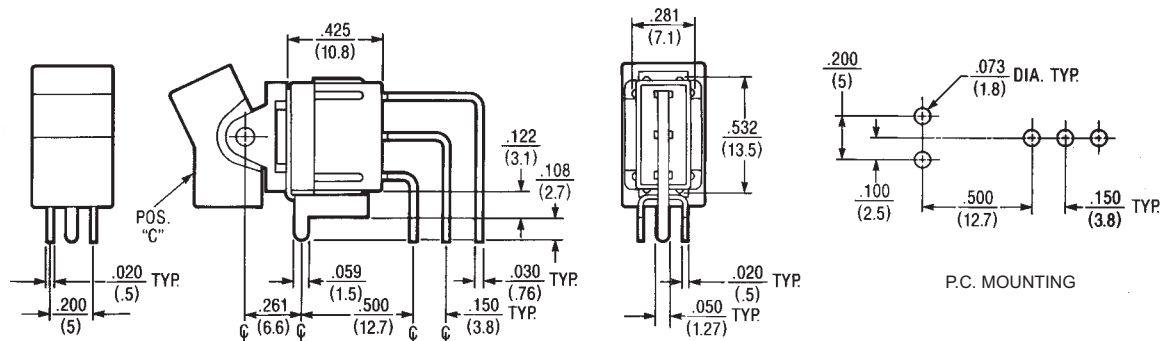
TWO POLE



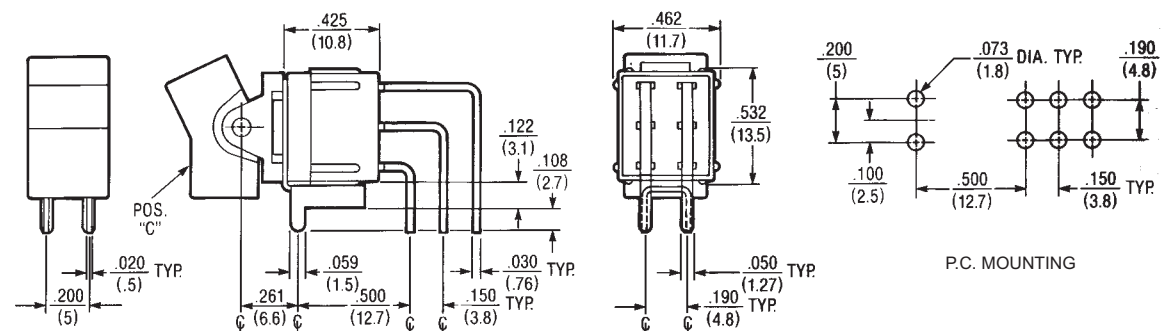
TERMINATION & MOUNTING OPTIONS — Contd.

AV2

ONE POLE

**AV2**

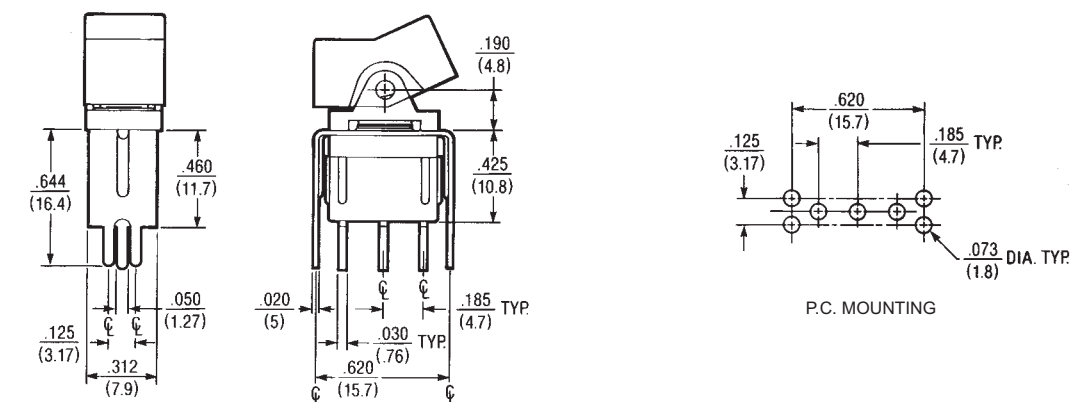
TWO POLE



V3



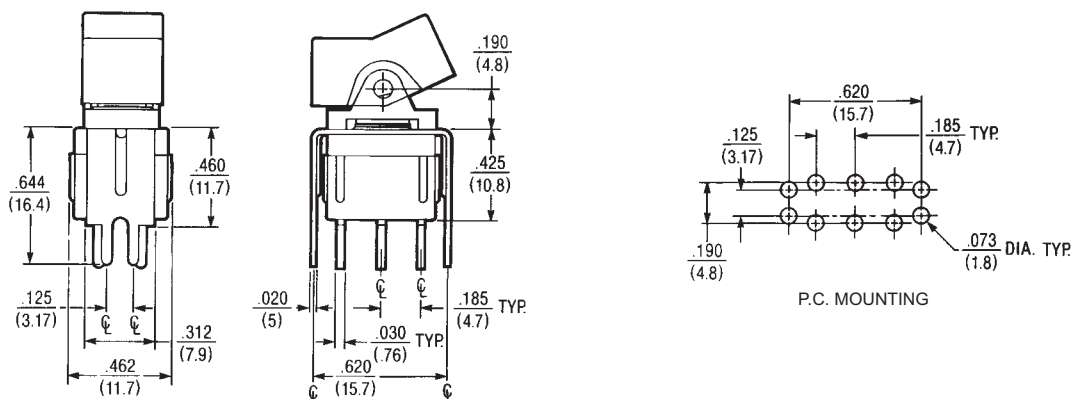
ONE POLE



V3



TWO POLE



Mouser Electronics

Authorized Distributor

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