

**Model P260/P261**  
**12.7mm ( 1/2" ) Square**  
**Rotary Potentiometer**  
**Sealed or Dust Proof**  
**Conductive Plastic Element**  
**1,000,000 Cycle Life**  
**Rotary Switch Option**  
**Detent Option**  
**Multiple Gangs available**  
**RoHS Compliant**



#### MODEL STYLES

|                                                                          |       |
|--------------------------------------------------------------------------|-------|
| Side Adjust, PCB Leads, Potentiometer Module (Up to 6 gangs)             | P260P |
| Side Adjust, PCB Leads, with Rotary Switch Module (Up to 5 gangs)        | P260S |
| Side Adjust, PCB Leads, with Detent Module (Up to 6 gangs)               | P260D |
| Top Adjust, PCB Leads, Potentiometer Module (Up to 2 gangs)              | P260T |
| Side Adjust, Solder Lug Leads, Potentiometer Module (Up to 6 gangs)      | P261P |
| Side Adjust, Solder Lug Leads, with Rotary Switch Module (Up to 5 gangs) | P261S |
| Side Adjust, Solder Lug Leads, with Detent Module (Up to 6 gangs)        | P261D |

#### ELECTRICAL<sup>1</sup>

|                                    |                                                     |
|------------------------------------|-----------------------------------------------------|
| Resistance Range, Ohms             | 500 -1M (for "B" taper)<br>2K-1M (for other tapers) |
| Standard Resistance Tolerance      | ± 10%                                               |
| Residual Resistance, Maximum       | 2 ohms                                              |
| Input Voltage, Maximum             | 350 Vac                                             |
| Power rating, Watts                | 0.5W- B taper, 0.25W- others                        |
| Dielectric Strength                | 1,500Vac, sea level                                 |
| Insulation Resistance, Minimum     | 1,000 Megohms                                       |
| Gang Error (Multi-ganged), Maximum | +/-3 dB (-40 dB to 0dB)                             |
| Actual Electrical Travel, Nominal  | 265°                                                |
| Switch Contact Resistance, Maximum | 150 milliohms max.                                  |
| Switch Power Rated                 | 0.5A at 30Vdc                                       |

<sup>1</sup> Specifications subject to change without notice.

## Model P260/P261

### MECHANICAL

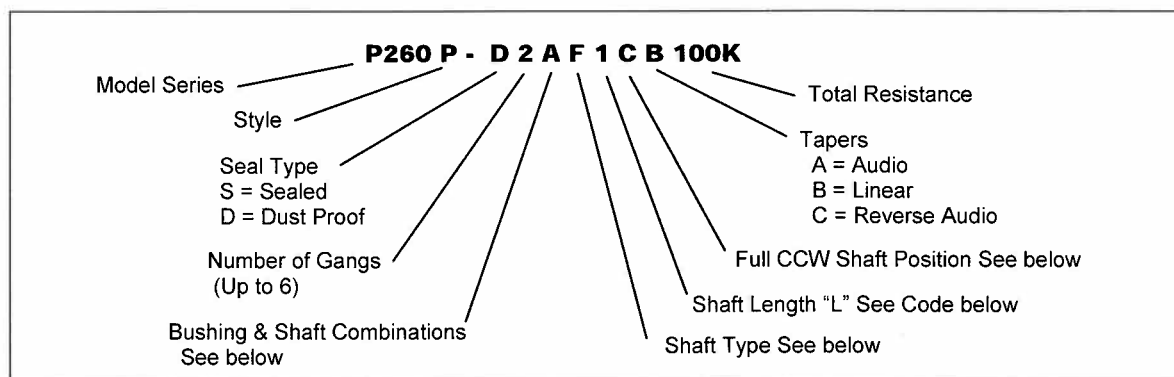
|                            |                                             |
|----------------------------|---------------------------------------------|
| Total Mechanical Travel    | 295°± 10°                                   |
| Static Stop Strength       | 40 oz-in                                    |
| Rotational Torque, Maximum | 1.5 oz-in ( 0.5 oz-in each additional gang) |
| Switch Detent, Minimum     | 2.0 oz-in                                   |

### ENVIRONMENTAL

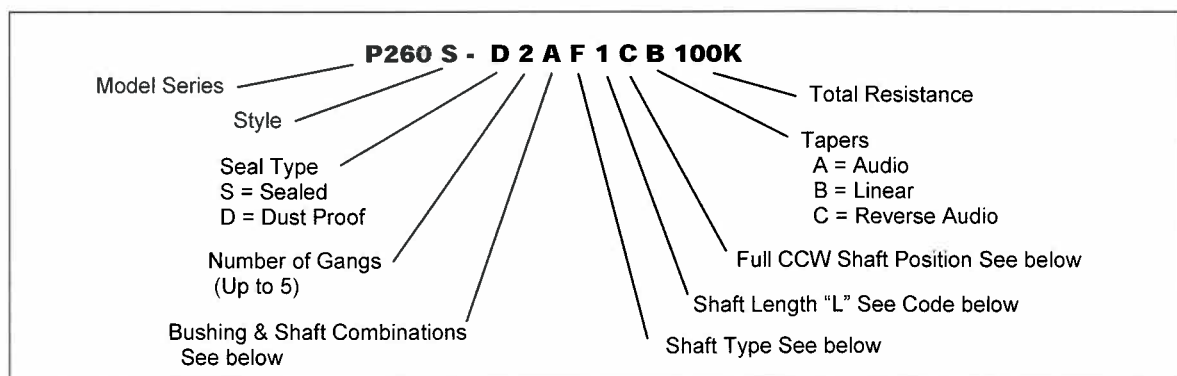
|                             |                                    |
|-----------------------------|------------------------------------|
| Operating Temperature Range | -55°C to +125°C                    |
| Rotational Life             | 1,000,000 cycles                   |
| IP Rating                   | Sealed = IP66<br>Dust Proof = IP50 |

### ORDERING INFORMATION<sup>2</sup>

#### P260P/P261P - POTENTIOMETER MODULE



#### P260S/P261S - WITH ROTARY SWITCH MODULE

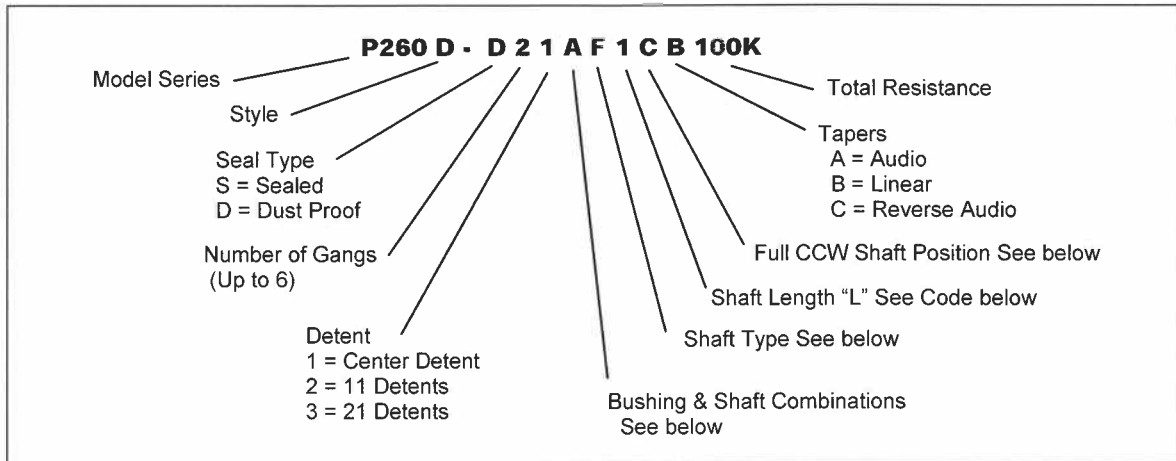


<sup>2</sup> Contact our customer service for custom designs and features.

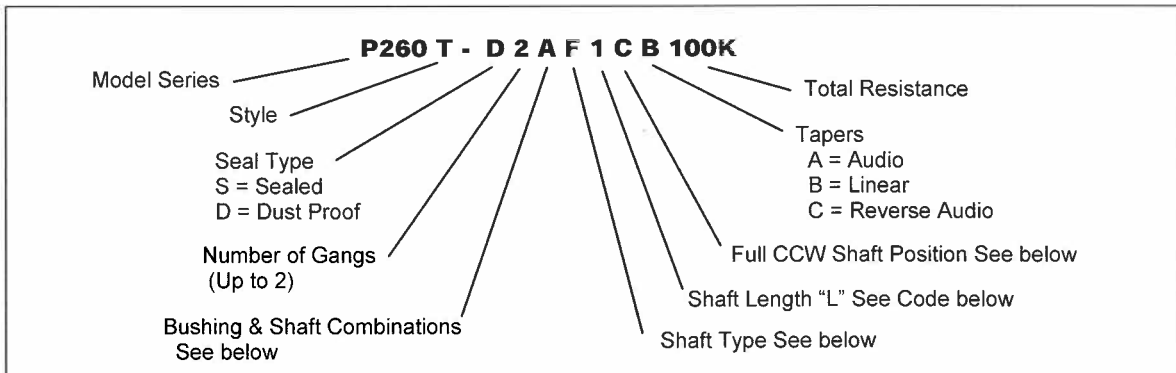


## Model P260/P261

### P260D/P261D - WITH DETENT MODULE



### P260T - TOP ADJUST, POTENTIOMETER MODULE



### Bushing & Shaft Combinations

| CODE | BUSHING SIZE  | BUSHING LENGTH "M" | SHAFT $\phi$  |
|------|---------------|--------------------|---------------|
| A    | 6.35mm (1/4") | 6.35mm (1/4")      | 3.2mm (1/8")  |
| B    | 9.5mm (3/8")  | 9.5mm (3/8")       | 6.35mm (1/4") |

## Model P260/P261

### Shaft Type and Shaft Length "L" Code For 3.2mm (1/8")

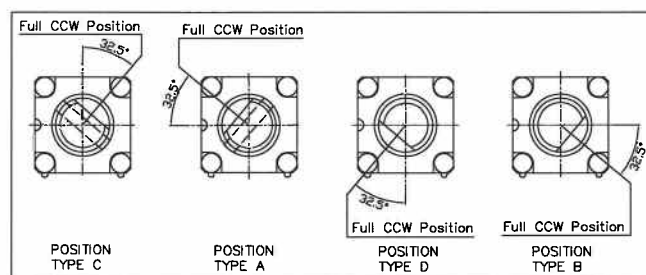
| S-TYPE |    |    |    |    |    |    | F-TYPE |    |    |    |    |    |    |
|--------|----|----|----|----|----|----|--------|----|----|----|----|----|----|
|        |    |    |    |    |    |    |        |    |    |    |    |    |    |
| L      | 12 | 16 | 20 | 24 | 28 | 32 | T      | 12 | 16 | 20 | 24 | 28 | 32 |
| CODE   | 1  | 2  | 3  | 4  | 5  | 6  | CODE   | 1  | 2  | 3  | 4  | 5  | 6  |

### Shaft Type and Shaft Length "L" Code For 6.35mm (1/4")

| S-TYPE |    |    |    |    |    |    | F-TYPE |    |    |    |    |  |  |
|--------|----|----|----|----|----|----|--------|----|----|----|----|--|--|
|        |    |    |    |    |    |    |        |    |    |    |    |  |  |
| L      | 12 | 16 | 20 | 24 | 28 | 32 | T      | 20 | 24 | 28 | 32 |  |  |
| CODE   | 1  | 2  | 3  | 4  | 5  | 6  | CODE   | 3  | 4  | 5  | 6  |  |  |

### Shaft Position (F-Type Shaft)

Dashed lines on Type "C" and Type "A" shows position of adjustment slot for S-Type

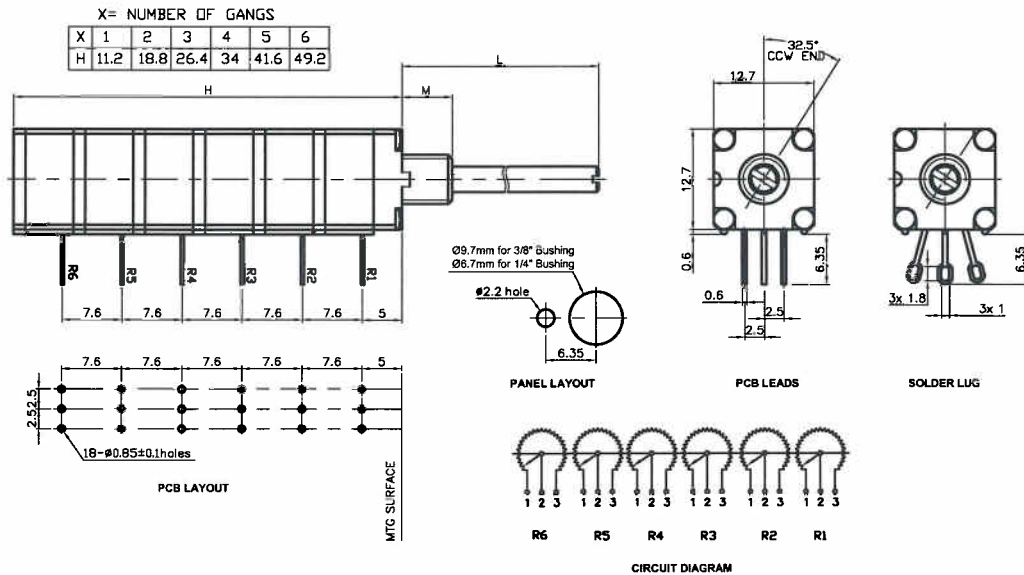


### STANDARD RESISTANCE VALUES, OHMS

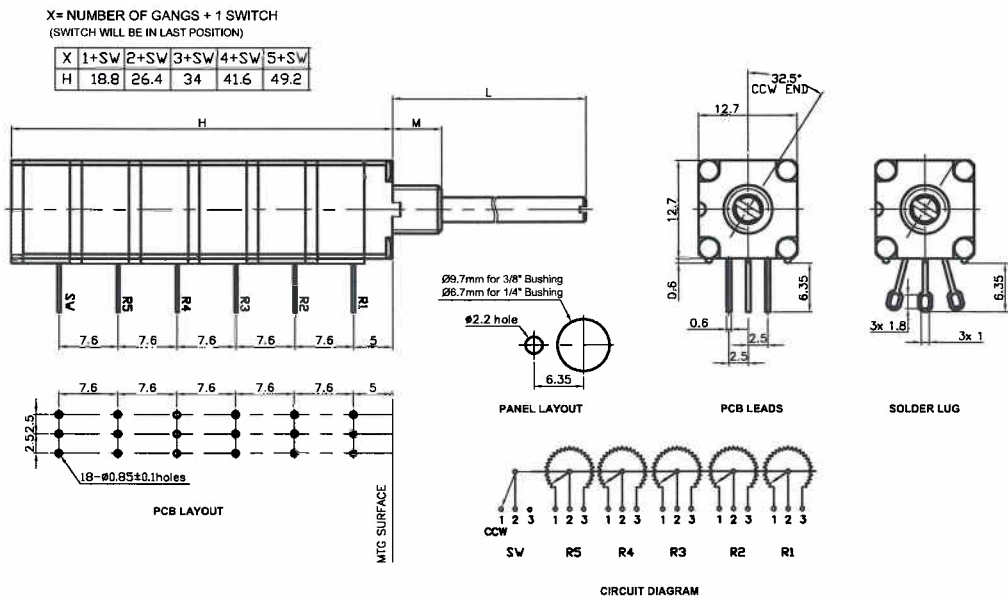
|     |    |    |    |     |     |     |      |      |      |      |
|-----|----|----|----|-----|-----|-----|------|------|------|------|
| 500 | 1K | 2K | 5K | 10K | 20K | 50K | 100K | 200K | 500K | 1MEG |
|-----|----|----|----|-----|-----|-----|------|------|------|------|

# Model P260/P261

## P260P/P261P – POTENTIOMETER MODULE



## P260S/P261S – WITH ROTARY SWITCH MODULE



## P260D/P261D – WITH DETENT MODULE

