

**Model P260/P261**  
**12.7mm ( ½" ) Square**  
**Rotary Potentiometer**  
**Sealed or Dust Proof**  
**Conductive Plastic Element**  
**1,000,000 Cycle Life**  
**Rotary Switch Option**  
**Detent Option**  
**Multiple Gangs available**  
**Wire Lead Options**  
**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 |
| Potentiometer Module with Wire Leads (Up to 6 gangs)                     | P260L |
| Potentiometer Module with Ribbon Cable (Up to 6 gangs)                   | P260R |
| 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

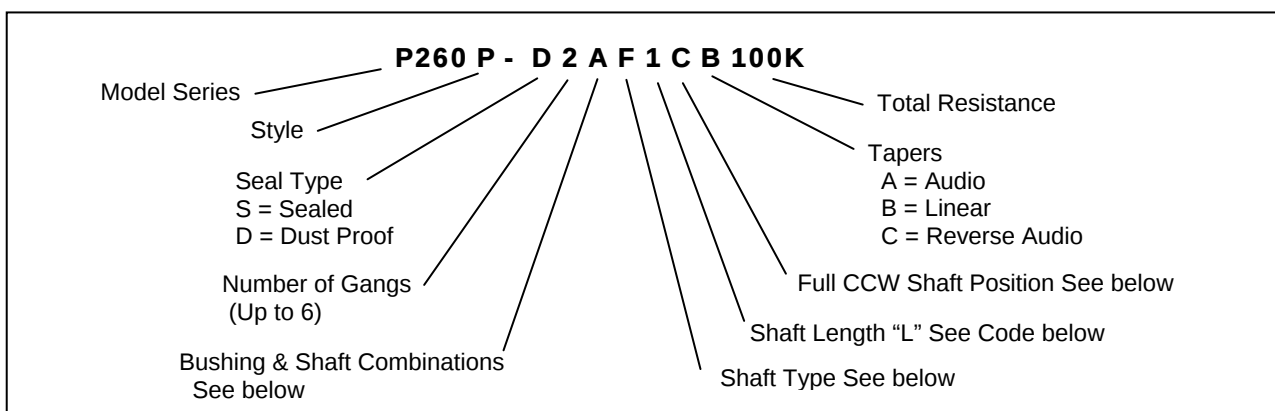
|                            |                                             |
|----------------------------|---------------------------------------------|
| Total Mechanical Travel    | 295°± 10°                                   |
| Static Stop Strength       | 40 oz-in                              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

## ENVIRONMENTAL

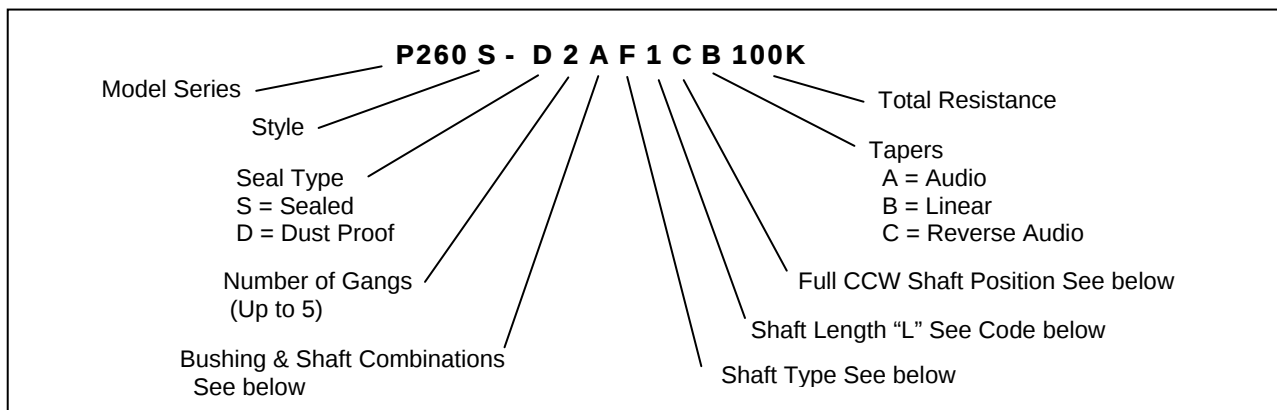
|                             |                                    |
|-----------------------------|------------------------------------|
| Operating Temperature Range | -55°C to +125°C                    |
| Rotational Life             | 1,000,000 cycles                   |
| IP Rating             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

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

### P260P/P261P – POTENTIOMETER MODULE



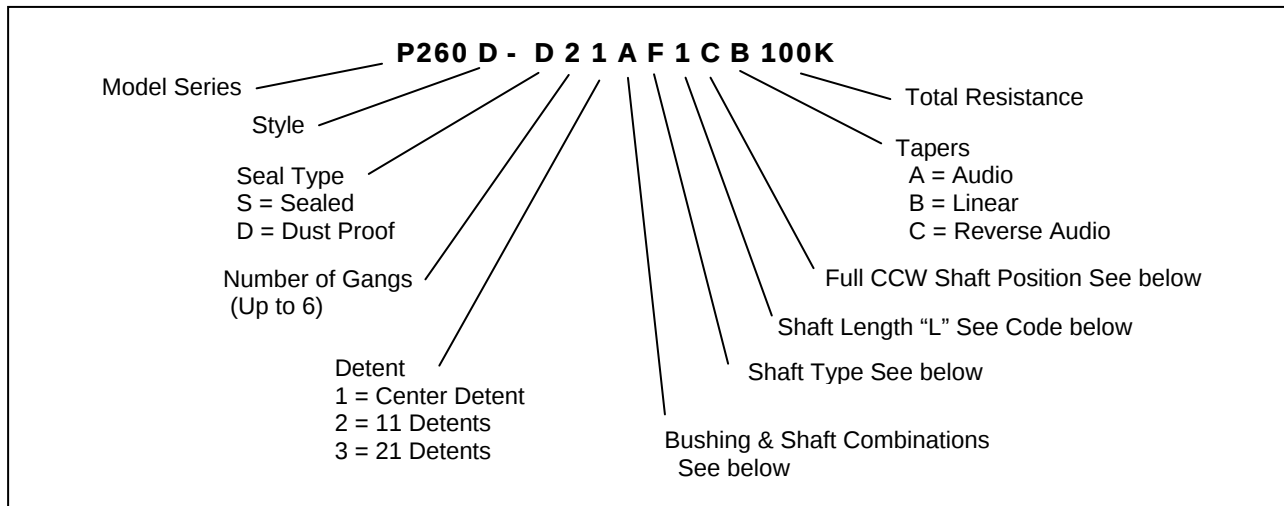
### P260S/P261S – WITH ROTARY SWITCH MODULE



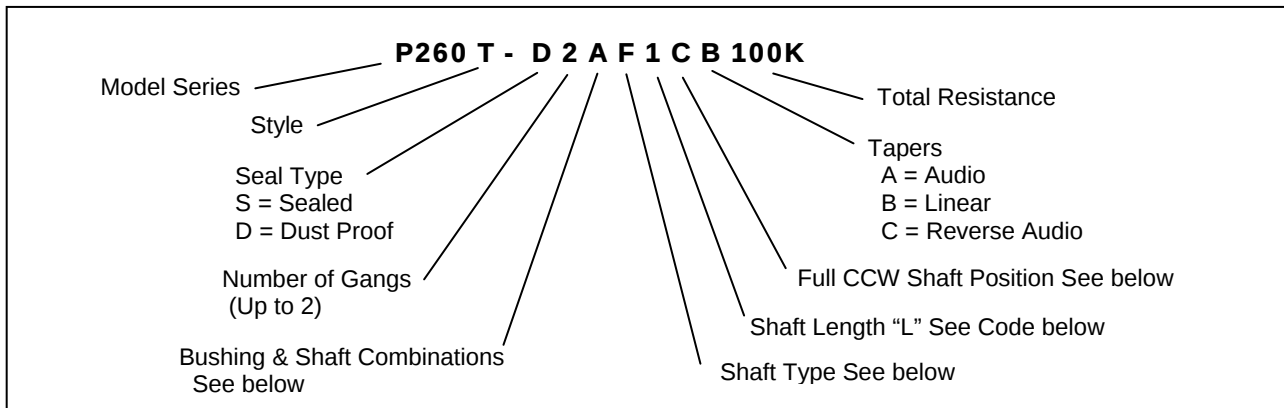
<sup>2</sup> Contact our customer service for custom designs and features.

# Model P260/P261

## P260D/P261D – WITH DETENT MODULE



## P260T – TOP ADJUST, POTENTIOMETER MODULE

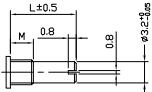
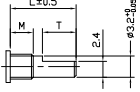


### Bushing & Shaft Combinations

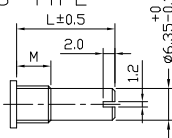
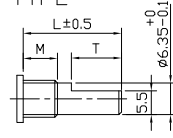
| CODE | BUSHING SIZE  | BUSHING LENGTH "M" | SHAFT $\phi$  |
|------|---------------|--------------------|---------------|
| A    | 6.35mm (1/4") | 6.35mm (1/4")      | 3.2mm (1/8")  |
| B    | 9.5mm (3/8")  | 9.5mm (3/8")       | 6.35mm (1/4") |

# Model P260/P261

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

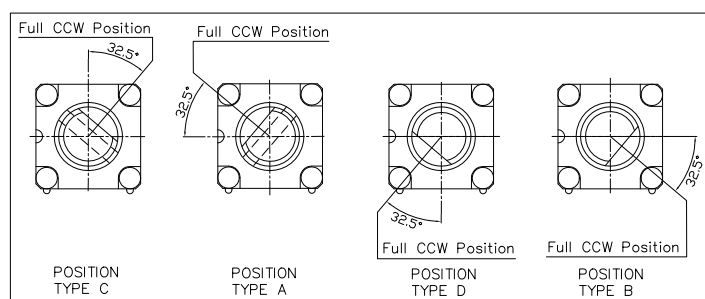
| S-TYPE                                                                            |    |    |    |    |    |    | F-TYPE                                                                            |    |    |    |    |    |    |
|-----------------------------------------------------------------------------------|----|----|----|----|----|----|-----------------------------------------------------------------------------------|----|----|----|----|----|----|
|  |    |    |    |    |    |    |  |    |    |    |    |    |    |
| L                                                                                 | 12 | 16 | 20 | 24 | 28 | 32 | L                                                                                 | 12 | 16 | 20 | 24 | 28 | 32 |
| T                                                                                 |    |    |    |    |    |    | T                                                                                 | 4  | 5  | 8  | 8  | 8  | 10 |
| 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 | L                                                                                   | 20 | 24 | 28 | 32 |  |  |
| T                                                                                  |    |    |    |    |    |    | T                                                                                   | 8  | 8  | 12 | 12 |  |  |
| 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



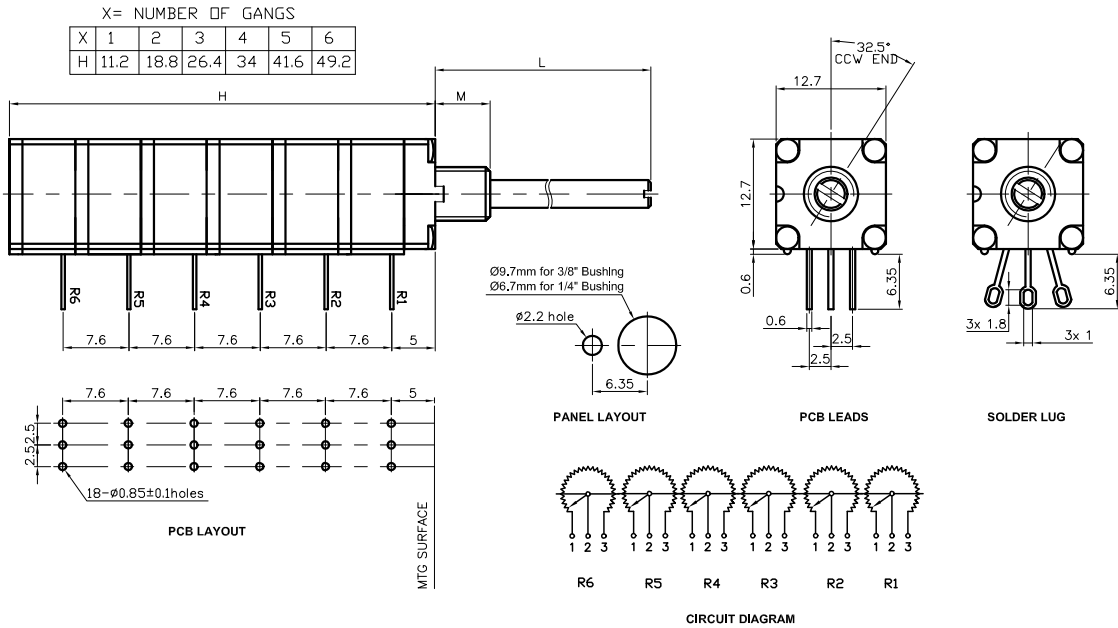
## STANDARD RESISTANCE VALUES, OHMS

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

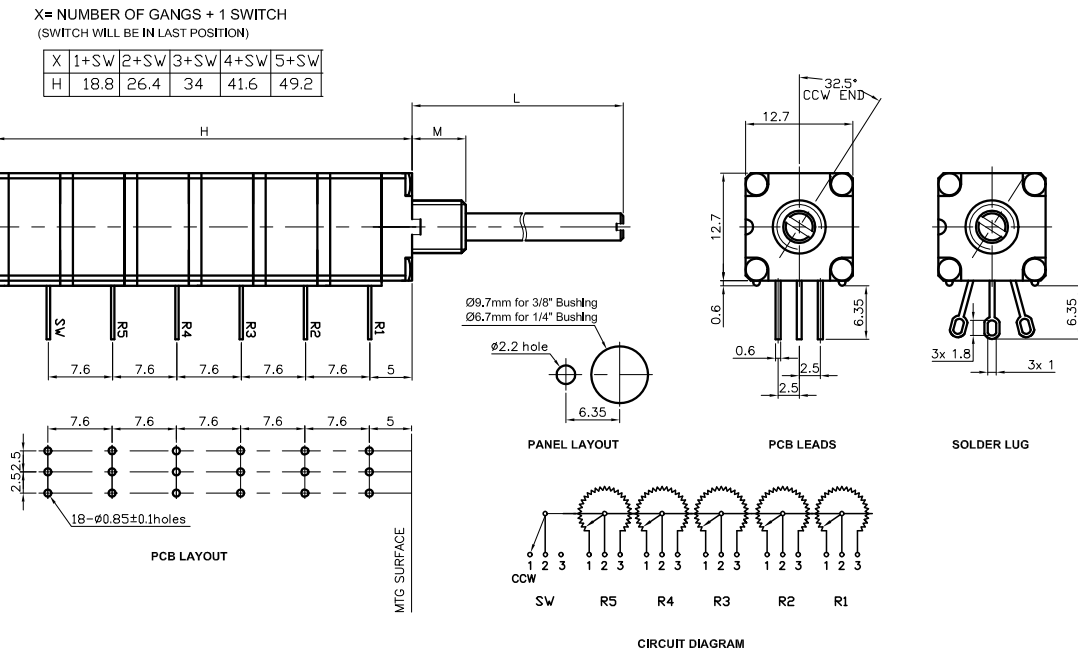
# Model P260/P261

## OUTLINE DRAWING

### P260P/P261P - POTENTIOMETER MODULE

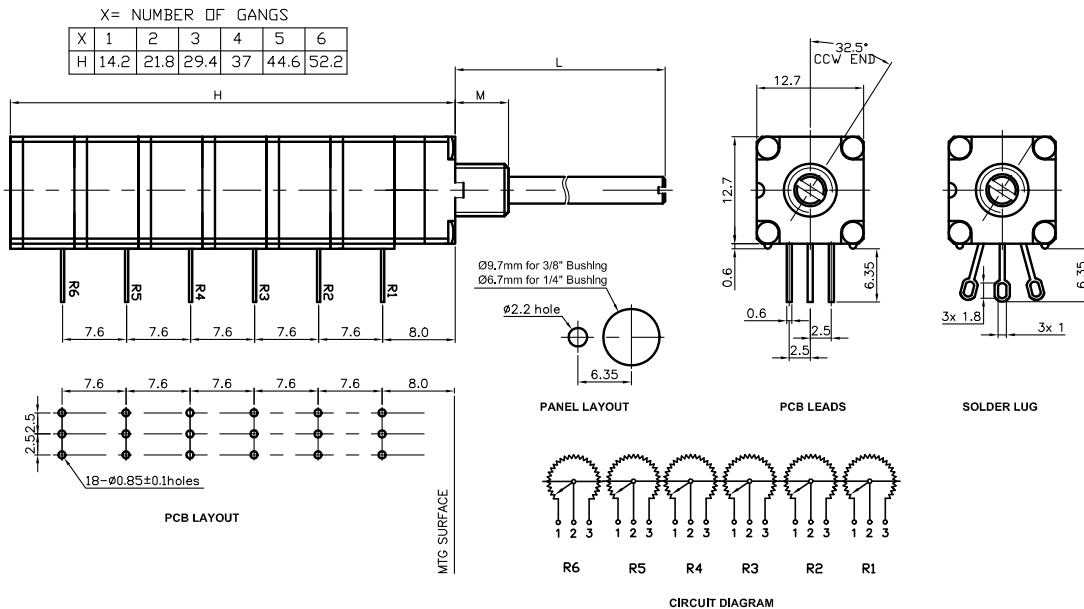


### P260S/P261S - WITH ROTARY SWITCH MODULE

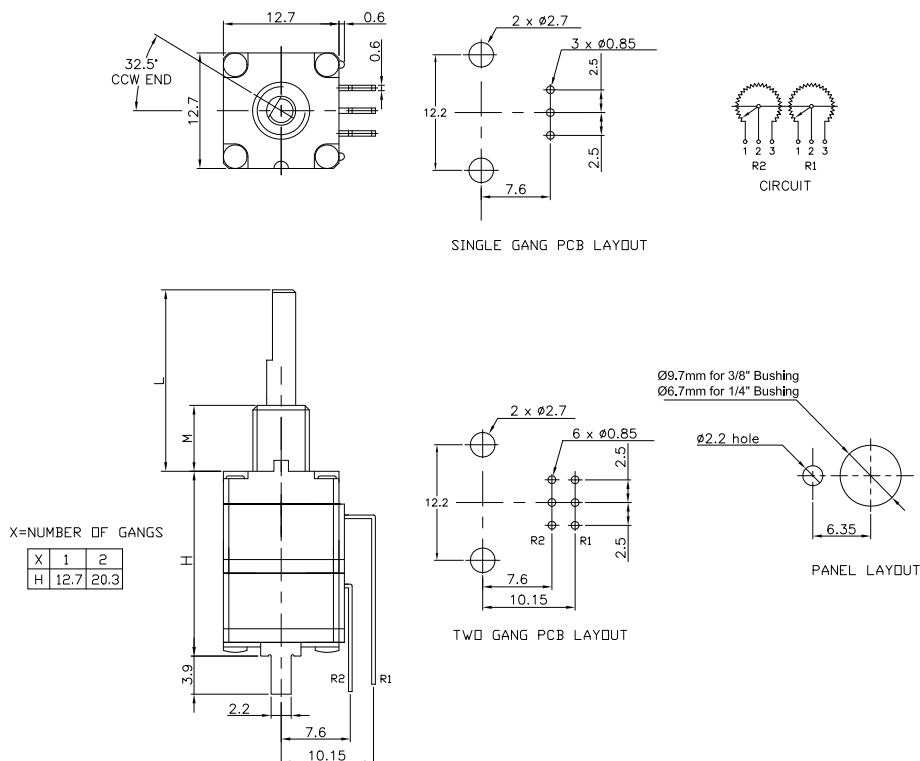


# Model P260/P261

## P260D/P261D - WITH DETENT MODULE



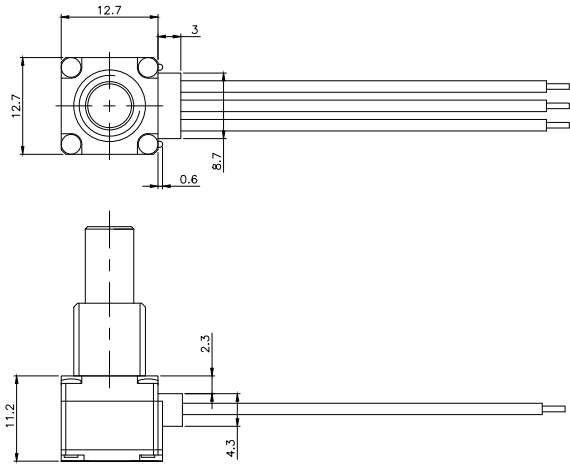
## P260T - TOP ADJUST, POTENTIOMETER MODULE



# Model P260/P261

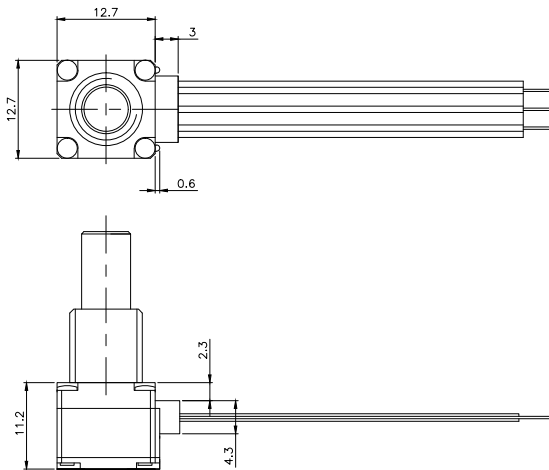
## P260L - WITH WIRE LEADS

Consult factory for details and options



## P260R - WITH RIBBON TYPE CABLE

Consult factory for details and options



# Mouser Electronics

Authorized Distributor

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## TT Electronics:

[P260S-D1AF1CB100K](#) [P260P-D1AF3CB10K](#) [P260P-S2BF3CB10K](#) [P260D-D22AF3CB10K](#) [P260P-S1AF3CB10K](#)  
[P260T-S1AF1DB100K](#) [P260P-D2BF5CA5K](#) [P260D-S22AF3CB10K](#) [P260P-D1BS4CA1K](#) [P260S-D2BF3CB10K](#)  
[P260S-D1AS3CB5K](#) [P260P-S1AS1CA10K](#) [P260P-D2BS20CA500K](#) [P260P-D2BF3CB10K](#) [P260S-D1AF3CB10K](#)  
[P260T-S1BS3CB100K](#) [P260P-S1AS4CB50K](#) [P260T-D1BS4CB1K](#) [P260P-D1AS1AB100K](#) [P260S-S1AF3CB10K](#)  
[P260D-D12BF3CB10K](#) [P260P-D1BF3CB10K](#) [P260P-S1BS3CA10K](#) [P260S-D2AF3CB10K](#) [P260D-S12AF3CB10K](#)  
[P260P-D1BS4CA10K](#) [P260P-D2BS3AB100K](#) [P260S-D1AS3CB10K](#) [P260D-S13AS1A500K](#) [P260D-S23AF1BB10K](#)  
[P260D-S23AF1BB500](#) [P261S-S1BF3CB5K](#) [P260P-D1BS2AC100K](#) [P260P-D1BS3CA100K](#) [P260P-D1BS3CB100K](#)  
[P261S-D1BS4CB10K](#) [P261P-S1BS3CA500K](#) [P261P-S1BS4CB10K](#) [P261P-S2AS1CB20K](#) [P261S-D1AF4CB5K](#)  
[P261S-D1BS3AB10K](#) [P261P-S1BS3CB200K](#) [P261P-S1BS4CA10K](#) [P261P-S1BS6CA10K](#) [P261S-D1AS3CB2K5](#)  
[P261S-D1BF3DB10K](#) [P261S-D2AF3CB10K](#) [P260P-D1AS2CB50K](#) [P260D-D23BS4CA10K](#) [P261P-S1AS1CB50K](#)  
[P261P-S1BS1CB200K](#) [P260T-D1BF4DB10K](#) [P260D-S23BF4CB500](#) [P260D-S11BF3CB10K](#) [P261P-D1AS3CB100K](#)  
[P260P-D1BS3CB10K](#) [P260P-S2BF4CB500K](#) [P260T-S1BF4DB10K](#) [P261P-D1BS3CB100K](#) [P260P-S1AS3CA10K](#)  
[P260P-D1AS4CB1K](#) [P260P-S1AS1CB50K](#) [P260P-S1BS4CB10K](#) [P260P-D1BF3DB50K](#) [P260T-D1BS4CB10K](#)  
[P260P-D2BS3CB500K](#) [P261D-S12AF2DB2K](#) [P260P-D2AS2ABR50K](#) [P260P-D1BF2CB50K](#) [P260P-S1BS4CB5K](#)  
[P260P-S2BS3CB50K](#) [P260S-D1BS2CB500](#) [P260P-D1BS3CA50K](#) [P260D-S13BF4CA500K](#) [P261P-D2BS3CA100K](#)  
[P260P-D2BF3D10K](#) [P260P-D1AS1CB10K](#) [P260P-D1BF3CB50K](#) [P260T-S1BF3CB10K](#) [P261D-S13BS2CB200K](#)  
[P260T-S1BS4CB10K](#) [P260P-D1BF20CC10K](#) [P260P-S2BF4CB100K](#) [P260P-D1AS1CB25K](#) [P260S-S2AF1CB100K](#)  
[P260T-D1BS3CB100K](#) [P261D-S13BS5AB10K](#) [P260P-D1BS3AA1MEG](#) [P261P-S1AS3CB1K](#) [P260P-S1BS5CB5K](#)  
[P260P-D1BS3CB2.5K](#) [P261D-D13AS12CA2K](#) [P260P-D2BF3CA50K](#) [P260P-D2BF3DB50K](#) [P260P-D1BF2CB10K](#)  
[P260T-S1AF3CB100K](#) [P260D-S21BSCB50K](#) [P260P-D2AS1CB100K](#) [P260P-D1BS3CB25K](#) [P260T-D1BS3CA100K](#)