Panel Potentiometer

Model P260 / P261 Series

Features:

- 12.7 mm (1/2”) square rotary
- Sealed / dust proof
- 1,000,000 cycle life
- Rotary switch option
- Detent and wire lead options
- Multiple gangs available

RoHS 2 compliant

Model Styles Available

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

Resistance Range, Ohms	500 -1M (for “B” taper) 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

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Panel Potentiometer

Model P260 / P261 Series

Mechanical

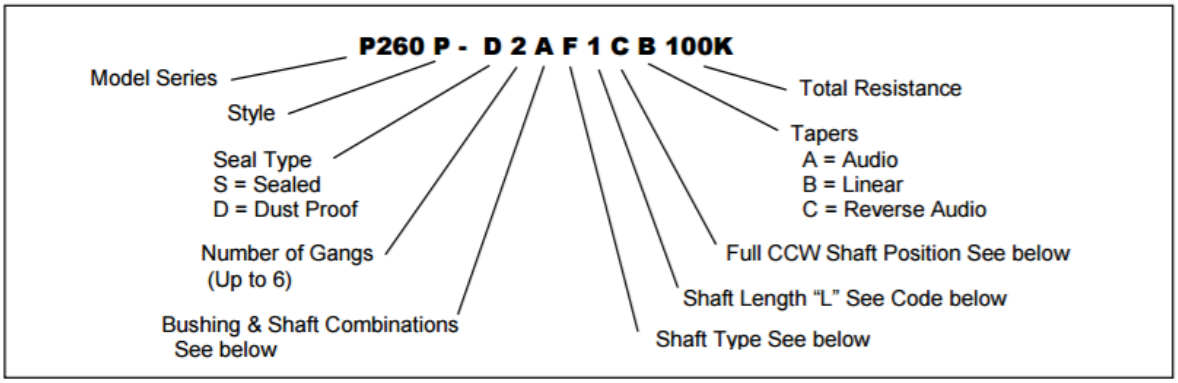
Total Mechanical Travel	295°± 10°
Static Stop Strength	40 oz-in
Rotational Torque, Maximum	1.5 oz-in (0.5 oz-in each additional gang)
Switch Detent, Minimum	2.0 oz-in

Environmental

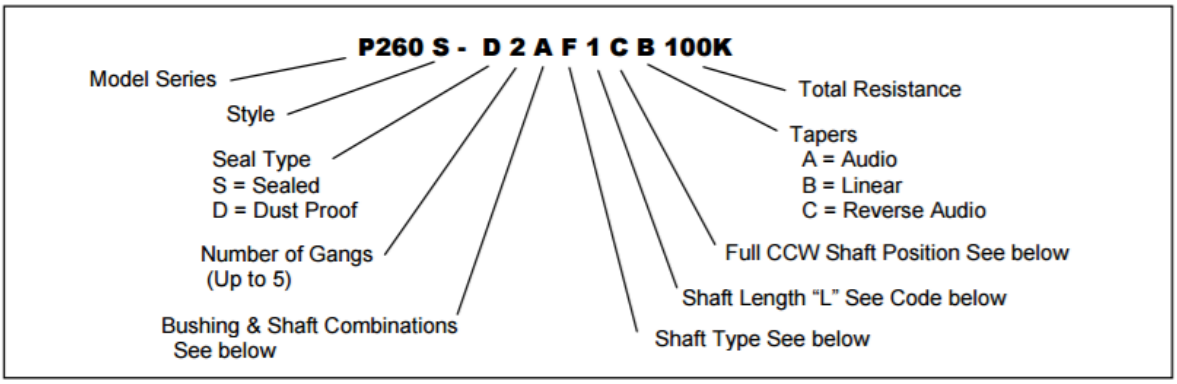
Operating Temperature Range	-55°C to +125°C
Rotational Life	1,000,000 cycles
IP Rating	Sealed = IP66 Dust Proof = IP50

Ordering

P260P/P261P – POTENTIOMETER MODULE



P260S/P261S – WITH ROTARY SWITCH MODULE



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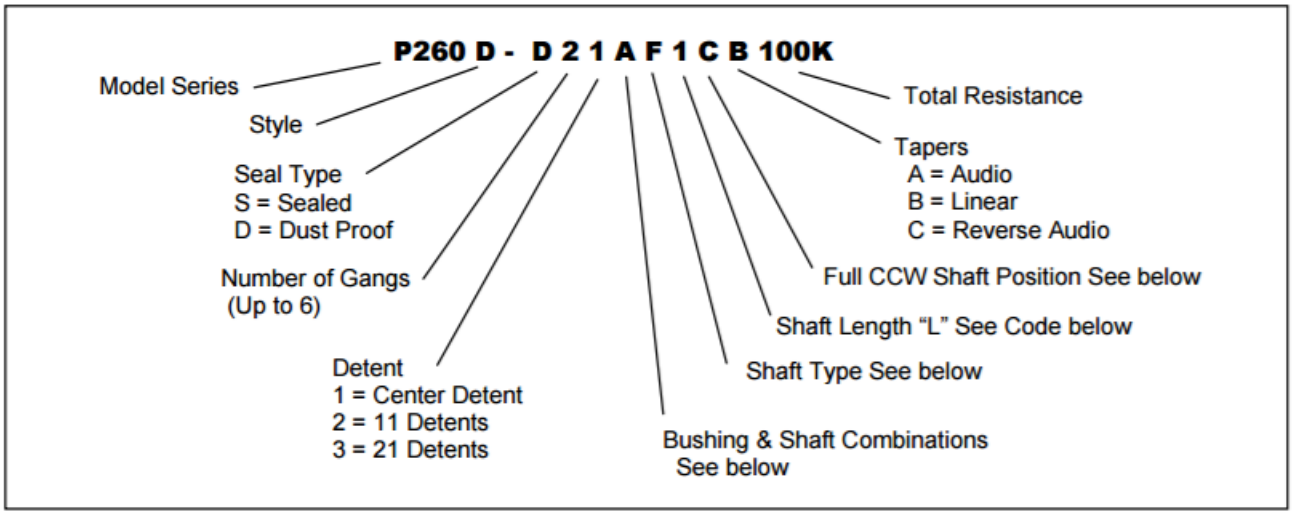
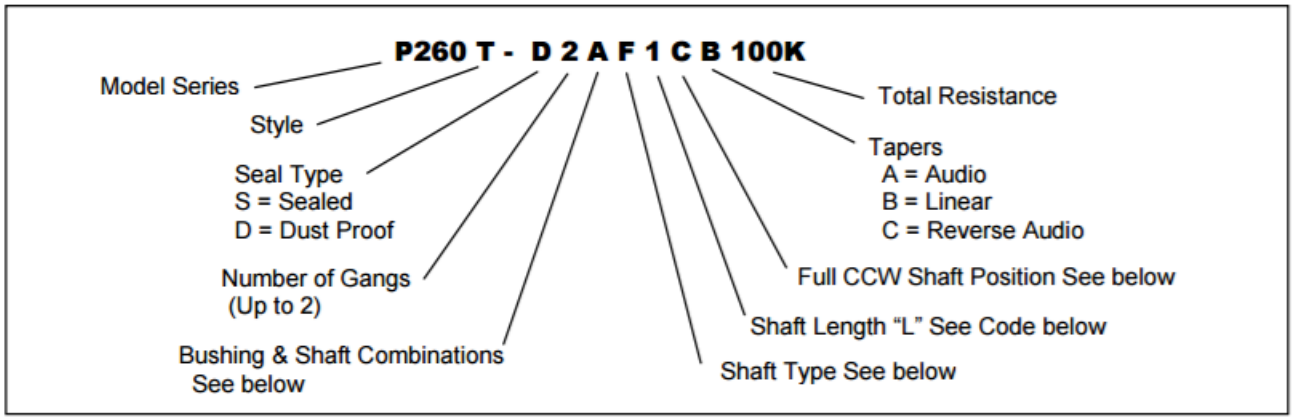
P260D/P261D – WITH DETENT MODULE



P260T – TOP ADJUST, POTENTIOMETER MODULE



Bushing & Shaft Combinations

CODE	BUSHING SIZE	BUSHING LENGTH "M"	SHAFT ø
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")

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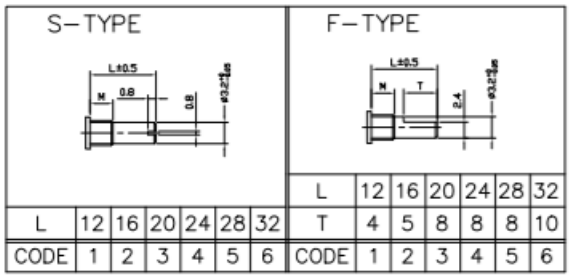
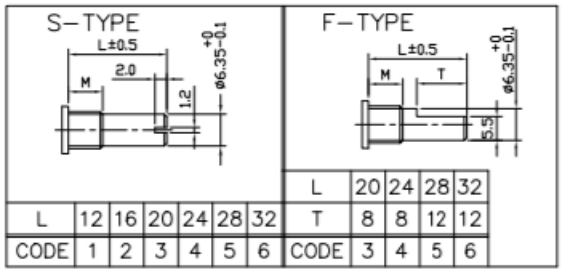
Shaft Type and Shaft Length "L" Code For 3.2mm (1/8")



S–TYPE						
L	12	16	20	24	28	32
CODE	1	2	3	4	5	6

F–TYPE						
L	12	16	20	24	28	32
T	4	5	8	8	8	10
CODE	1	2	3	4	5	6

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

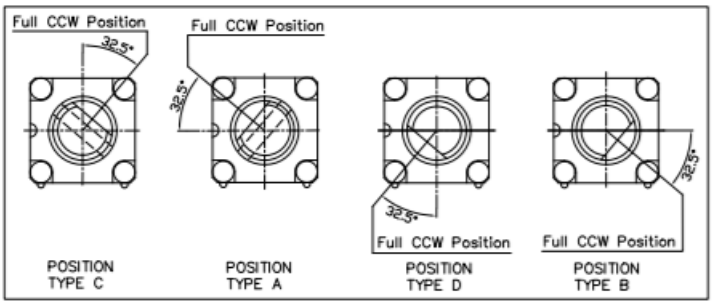


S–TYPE						
L	12	16	20	24	28	32
CODE	1	2	3	4	5	6

F–TYPE				
L	20	24	28	32
T	8	8	12	12
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

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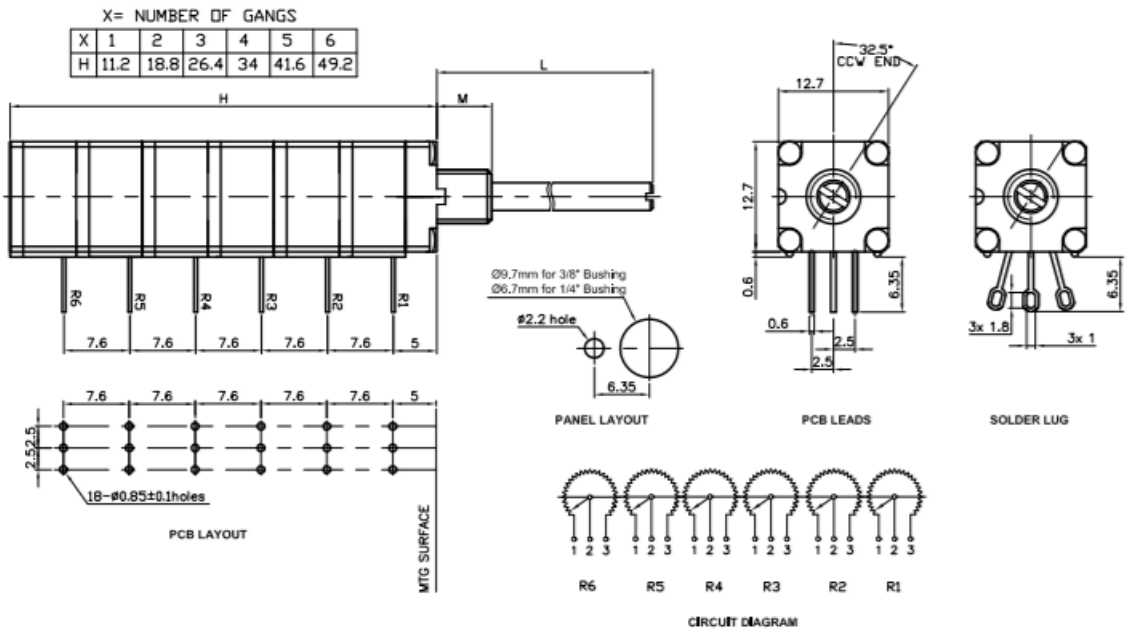
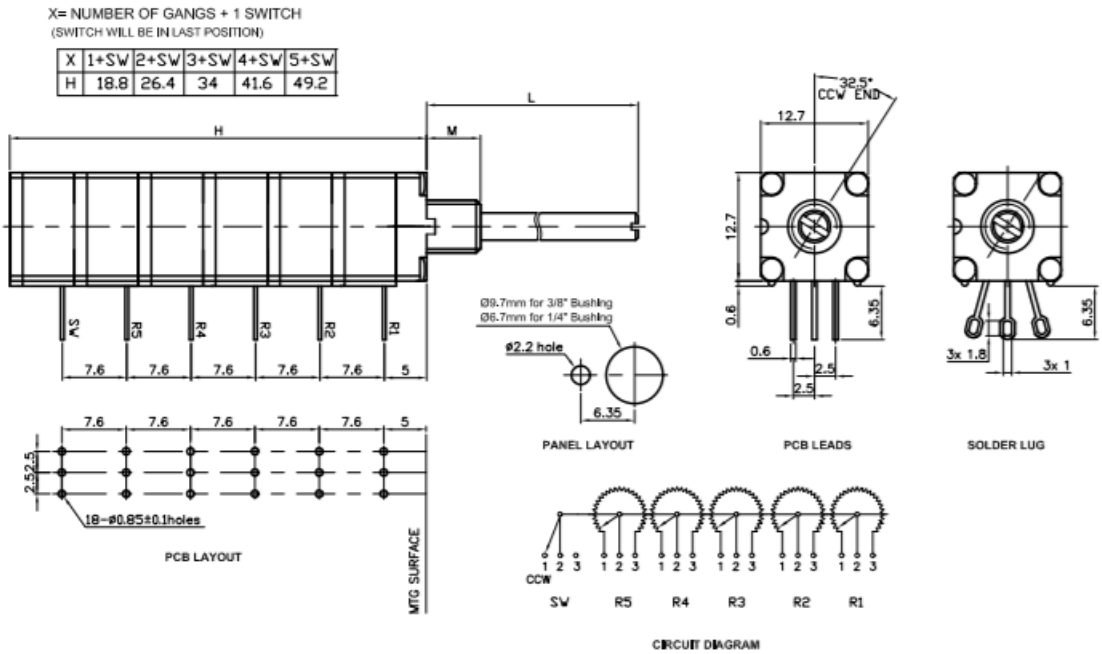
Outline Drawings

P260P/P261P – POTENTIOMETER MODULE



P260S/P261S – WITH ROTARY SWITCH MODULE



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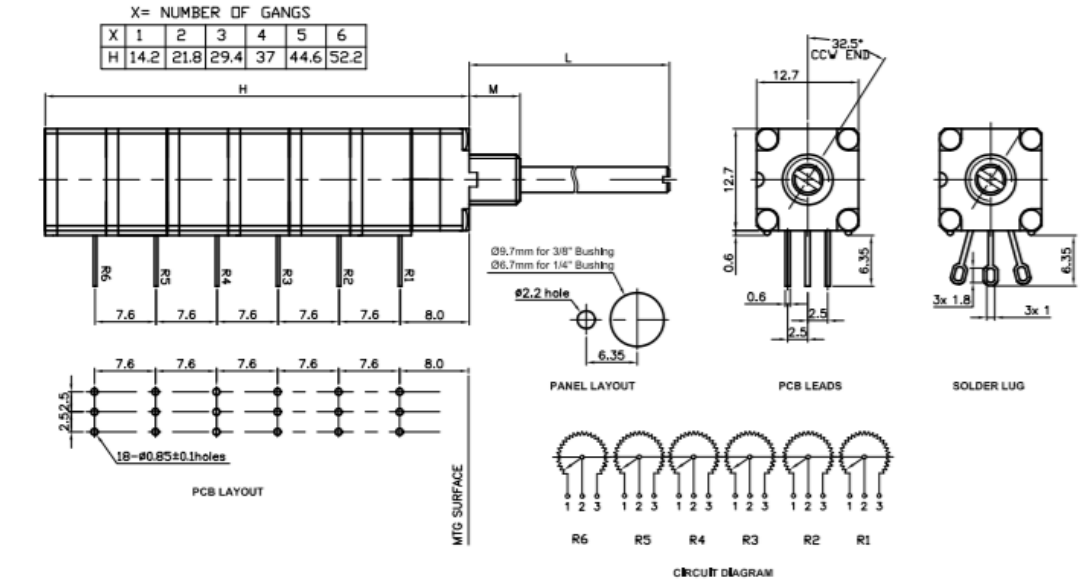
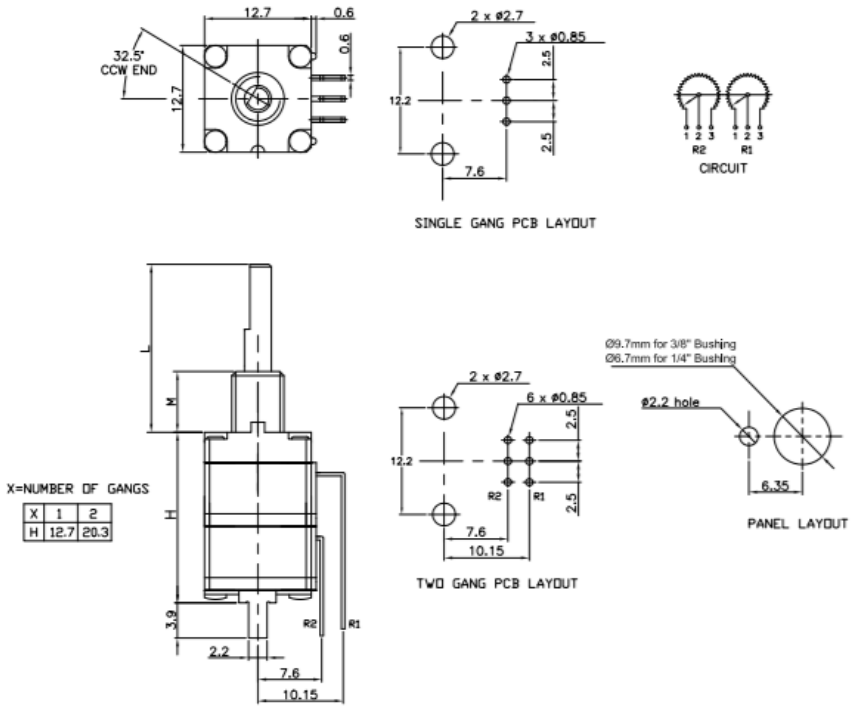
Outline Drawings

P260D/P261D – WITH DETENT MODULE



P260T – TOP ADJUST, POTENTIOMETER MODULE



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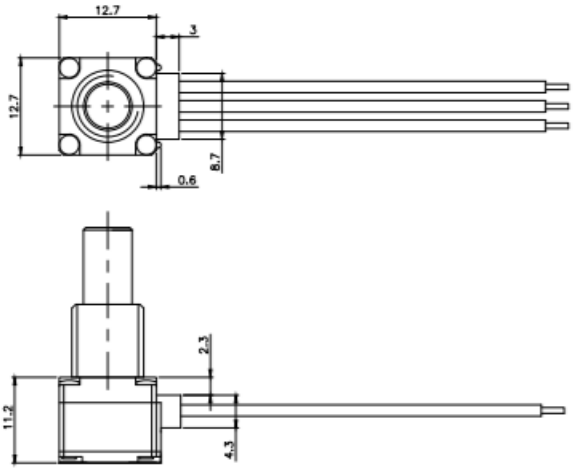
Outline Drawings

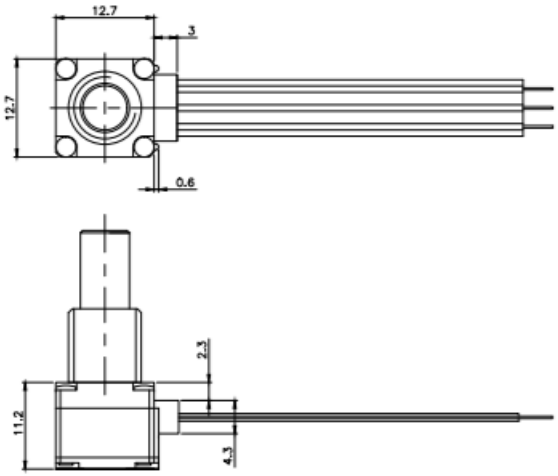
P260L – WITH WIRE LEADS

Consult factory for details and options



P260R – WITH RIBBON TYPE CABLE

Consult factory for details and options



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Mouser Electronics

Authorized Distributor

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