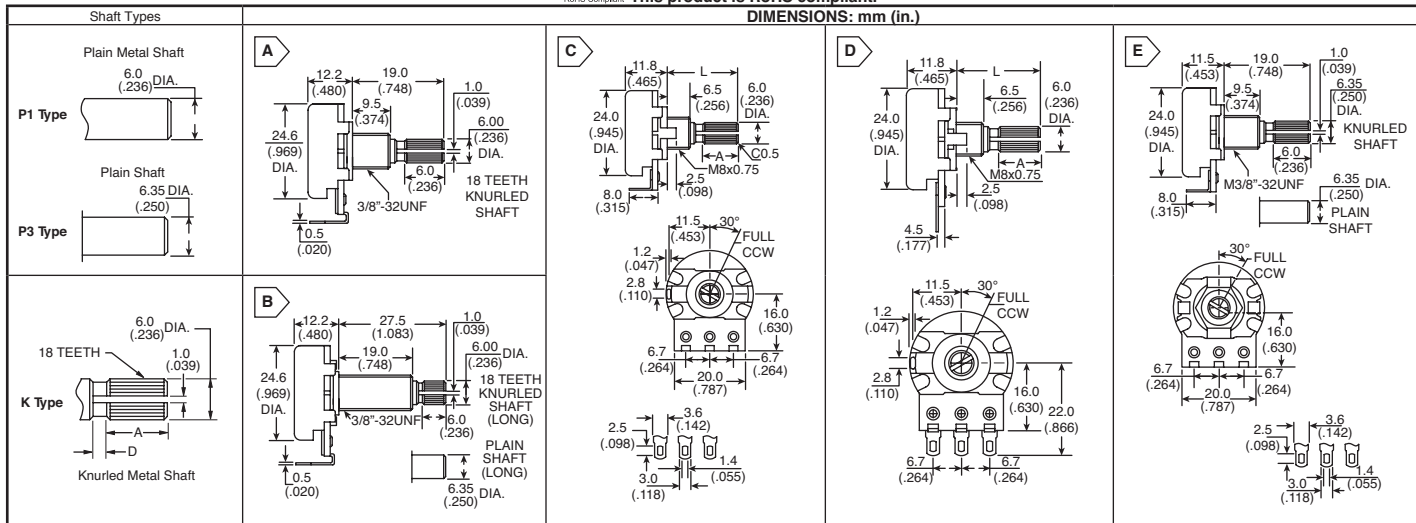


BOURNS Guitar Potentiometers and Kits

BOURNS®

RoHS Compliant This product is RoHS compliant.



PDB241-GNL SERIES NO-LOAD GUITAR POTENTIOMETERS

Specifications:

- Taper: Linear
- Standard Resistance Tolerance: ±20%
- Operating Temperature: -10°C to +70°C
- Power Rating: 0.25W

- Maximum Operating Voltage: 250V
- Rotational Noise: 150mV max.
- Mechanical Angle: 300° ±5°

- Rotational Torque: 10 - 45 g-cm typical
- Hardware: Two flat washers and two mounting nuts supplied per potentiometer

Features:

- Carbon element
- Plain or knurled shaft option
- Metal bushing/shaft
- Rear solder lugs
- Detent at "no-load" position



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	Taper	Rotational Life	Terminal Configuration	Shaft Type	Price Each			
								1	25	100	1000
652-PDB241GNL01254B0	PDB241-GNL01-254B0	A	250K	Linear	15,000	Solder Lugs	P1	3.07	2.88	2.30	2.13
652-PDB241GNL01504B0	PDB241-GNL01-504B0	A	500K	Linear	15,000	Solder Lugs	P1	3.07	2.88	2.13	1.99
652-PDB241GNL02254B0	PDB241-GNL02-254B0	A	250K	Linear	15,000	Solder Lugs	P1	2.94	2.76	2.04	1.91
652-PDB241GNL03254B0	PDB241-GNL03-254B0	B	250K	Linear	15,000	Solder Lugs	P1	3.41	3.20	2.37	2.21
652-PDB241GNL03504B0	PDB241-GNL03-504B0	B	500K	Linear	15,000	Solder Lugs	P1	3.41	3.20	2.37	2.21

PDB241-GTR SERIES - 24MM GUITAR POTENTIOMETERS

Specifications:

- Taper: Audio
- Standard Resistance Tolerance: ±20%
- Operating Temperature: -10°C to +70°C
- Power Rating: 0.25W
- Maximum Operating Voltage: 250V

- Rotational Noise: 150mV max.
- Mechanical Angle: 300° ±5°
- Rotational Torque: 29 g-cm typical
- Hardware: One flat washer and mounting nut supplied per potentiometer with bushing

Features:

- Low torque
- Carbon element
- Plain or Knurled shaft option
- ESD wave washer
- Metal bushing
- Metal shaft
- Rear solder lugs

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	Taper	Rotational Life	Terminal Configuration	Shaft Type	Price Each			
								1	25	100	1000
652-PDB241GTR01254A2	PDB241-GTR01-254A2	C	250K	Audio	15,000	Solder Lugs	K	2.89	2.67	2.28	2.09
652-PDB241GTR01504A2	PDB241-GTR01-504A2	C	500K	Audio	15,000	Solder Lugs	K	2.89	2.67	2.28	2.09
652-PDB241GTR03254A2	PDB241-GTR03-254A2	C	250K	Audio	15,000	Solder Lugs	K	4.20	3.90	3.60	3.30
652-PDB241GTR03504A2	PDB241-GTR03-504A2	C	500K	Audio	15,000	Solder Lugs	K	4.20	3.90	3.60	3.30
652-PDB241GTR02254A2	PDB241-GTR02-254A2	E	250K	Audio	15,000	Solder Lugs	P	2.63	2.43	2.07	1.77
652-PDB241GTR02504A2	PDB241-GTR02-504A2	E	500K	Audio	15,000	Solder Lugs	P	2.63	2.43	2.07	1.77

PDB24 SERIES - 24MM ROTARY POTENTIOMETERS

Specifications:

- Taper: Linear, Audio
- Standard Resistance Tolerance: ±20%
- Operating Temperature: -10°C to +70°C
- Power Rating: Linear: 0.5W, Audio: 0.25W

- Maximum Operating Voltage: Linear: 500V, Audio: 250V
- Rotational Noise: 150mV max.
- Mechanical Angle: 300° ±5°
- Rotational Torque: 20 to 200g-cm
- Hardware: one flat washer and mounting nut supplied per potentiometer with bushing

Features:

- High rotational life
- Metal shaft element
- Carbon element
- Center detent option
- Wide range of resistance tapers
- No Detent

Applications:

- Electric guitars
- Sound processing equipment
- Guitar and sound system amplifiers
- Appliances
- Various commercial applications

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Value (Ω)	Taper	Rotational Life	Terminal Configuration	Shaft Type	Price Each			
								1	25	100	1000
652-PDB241E420K103B0	PDB241-E420K-103B0	C	10K	Linear	15,000	Rear	K	1.97	1.63	1.39	1.25
652-PDB241E420K254A2	PDB241-E420K-254A2	C	250K	Audio	15,000	Rear	K	1.76	1.63	1.39	1.19
652-PDB241E420K254B0	PDB241-E420K-254B0	C	250K	Linear	15,000	Rear	K	1.76	1.63	1.39	1.19
652-PDB241E420K504A2	PDB241-E420K-504A2	C	500K	Audio	15,000	Rear	K	1.76	1.63	1.39	1.19
652-PDB241E420K504B0	PDB241-E420K-504B0	C	500K	Linear	15,000	Rear	K	1.76	1.63	1.39	1.19
652-PDB241E420P103B0	PDB241-E420P-103B0	C	10K	Linear	15,000	Rear	P	1.76	1.63	1.39	1.19
652-PDB241E420P254A2	PDB241-E420P-254A2	C	250K	Audio	15,000	Rear	P	1.76	1.63	1.39	1.19
652-PDB241E420P254B0	PDB241-E420P-254B0	C	250K	Linear	15,000	Rear	P	1.76	1.63	1.39	1.19
652-PDB241E420P504A2	PDB241-E420P-504A2	C	500K	Audio	15,000	Rear	P	1.76	1.63	1.39	1.19
652-PDB241E420P504B0	PDB241-E420P-504B0	C	500K	Linear	15,000	Rear	P	1.76	1.63	1.39	1.19
652-PDB241S420K103B0	PDB241-S420K-103B0	D	10K	Linear	15,000	Down	K	1.76	1.63	1.39	1.19
652-PDB241S420K254A2	PDB241-S420K-254A2	D	250K	Audio	15,000	Down	K	1.76	1.63	1.39	1.19
652-PDB241S420K504A2	PDB241-S420K-504A2	D	500K	Audio	15,000	Down	K	1.76	1.63	1.39	1.19
652-PDB241S420P103B0	PDB241-S420P-103B0	D	10K	Linear	15,000	Down	P	1.76	1.63	1.39	1.19
652-PDB241S420P254A2	PDB241-S420P-254A2	D	250K	Audio	15,000	Down	P	1.76	1.63	1.39	1.19
652-PDB241S420P504A2	PDB241-S420P-504A2	D	500K	Audio	15,000	Down	P	1.76	1.63	1.39	1.19
652-PDB242E420K254A2	PDB242-E420K-254A2	C	250K	Audio	500,000	Rear	K	2.68	2.48	2.11	1.80
652-PDB242E420K504A2	PDB242-E420K-504A2	C	500K	Audio	500,000	Rear	K	2.68	2.48	2.11	1.80

BOURNS GUITAR POTENTIOMETER DESIGN KITS

Bourns® Sensors and Controls Product Line is proud to announce the release of three new Guitar Potentiometer Design Kits. Each kit has a variety of popular part numbers from their vast portfolio of guitar potentiometers. The kits are great for guitar designers and suitable for guitar technician service kits as well. Please contact Mouser for full list of part numbers in each kit.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Type	Each Kit Contains 24 Pieces	Price Each
652-H-1200	H-1200	Vintage/Premium Pots	8pcs: 82A Series; 4pcs: 82Z Series; 8pcs: 95A Series; 4pcs: 95Z Series	247.60
652-H-1201	H-1201	Stand. Guitar Pots	12pcs: PDB241 Series; 12pcs: PDA241 Series	41.82
652-H-1202	H-1202	Stand. Mini-Guitar Pots	8pcs: PDB181 Series; 8pcs: PDB182 Series; 8pcs: PDB183 Series	48.00

