

Panasonic® Audio Potentiometers

9mm Potentiometers

Specifications: Resistance Range: 5KΩ through 50KΩ • Tolerance: ±20% • Power Rating: .05w @ 50°C • Voltage Rating: E = √PR but E ≤ 50VAC/20VDC • Rotation Angle: 300° ±5° • Life: 10000 turns minimum • Application: Audio mixer

Fig. 1

Shaft : Ø 6.0 mm

Fig. 2

Shaft : Ø 6.0 mm

* Hardware Included

Fig. 4

Shaft : Ø 6.0 mm

Fig. 3

Footprint Applies to Figures 1, 2 & 3

Fig. 5

Shaft : Ø 6.0 mm

* Hardware Included

Fig. 6

Shaft : Ø 6.0 mm

* Hardware for Fig. 2 and Fig. 5

Fig. 4

Footprint Applies to Figures 4, 5, & 6

A(15), B(1B), D

OUTPUT* vs. Effective rotation clockwise →

C(15C)

OUTPUT* vs. Effective rotation (Counterclockwise) ←

*Output V. between term. 1 & 2 × 100%
Operating V. between term. 1 & 3

*Output V. between term. 2 & 3 × 100%
Operating V. between term. 1 & 3

Code (Value)	Code (Value)
502 (5K)	103 (10K)
203 (20K)	503 (50K)

Fig.	Taper	Center Detent	Bushing	Digi-Key Part No.	1	10	100	1,000	Panasonic* Part No.
9mm Audio Potentiometers									
1	B	Y	None	P3A1□□□-ND	1.30	10.83	81.25	599.41	EVU-F3AF30B□□
	D	Y	None	P3B2□□□-ND	1.30	10.83	81.25	599.41	EVU-F3AF30D□□
	B	N	None	P3C3□□□-ND	1.39	11.58	86.83	640.60	EVU-F2AF30B□□
	D	N	None	P3D4□□□-ND	1.23	10.20	76.50	564.39	EVU-F2AF30D□□
2	B	Y	Metal	P3E5□□□-ND◆	2.36	19.66	147.41	1087.58	EVU-F3MFL3B□□
	D	Y	Metal	P3F6□□□-ND	2.36	19.66	147.41	1087.58	EVU-F3MFL3D□□
	B	N	Metal	P3G7□□□-ND◆	2.28	19.02	142.67	1052.56	EVU-F2MFL3B□□
	D	N	Metal	P3H8□□□-ND◆	2.28	19.02	142.67	1052.56	EVU-F2MFL3D□□
3	B	Y	Plastic	P3I9□□□-ND	1.55	12.95	97.16	716.81	EVU-F3LFL3B□□
	D	Y	Plastic	P3J0□□□-ND	1.55	12.95	97.16	716.81	EVU-F3LFL3D□□
	B	N	Plastic	P3K1□□□-ND	1.48	12.28	92.13	679.74	EVU-F2LFL3B□□
	D	N	Plastic	P3L2□□□-ND	1.48	12.28	92.13	679.74	EVU-F2LFL3D□□
4	B	Y	None	P3M3□□□-ND	1.34	11.20	84.04	620.00	EVU-E3AF25B□□
	D	Y	None	P3N4□□□-ND	1.34	11.20	84.04	620.00	EVU-E3AF25D□□
	B	N	None	P3P5□□□-ND	1.27	10.53	79.02	582.93	EVU-E2AF25B□□
	D	N	None	P3Q6□□□-ND	1.27	10.53	79.02	582.93	EVU-E2AF25D□□
5	B	Y	Metal	P3R7□□□-ND	2.41	20.06	150.49	1110.24	EVU-E3JFK4B□□
	D	Y	Metal	P3S8□□□-ND	2.41	20.06	150.49	1110.24	EVU-E3JFK4D□□
	B	N	Metal	P3T9□□□-ND	2.32	19.36	145.18	1071.10	EVU-E2JFK4B□□
	D	N	Metal	P3U0□□□-ND	2.32	19.36	145.18	1071.10	EVU-E2JFK4D□□
6	B	Y	Plastic	P3V1□□□-ND	1.60	13.36	100.24	739.47	EVU-E3KFK4B□□
	D	Y	Plastic	P3X2□□□-ND	1.60	13.36	100.24	739.47	EVU-E3KFK4D□□
	B	N	Plastic	P3Y3□□□-ND	1.51	12.66	94.93	700.34	EVU-E2KFK4B□□
	D	N	Plastic	P3Z4□□□-ND	1.51	12.66	94.93	700.34	EVU-E2KFK4D□□
12mm Audio Potentiometers									
7	B	Y	None	P2A5□□□-ND	2.93	24.42	183.15	1351.24	EVJ-Y81F30B□□
	AC	Y	None	P2B6□□□-ND	2.93	24.42	183.15	1351.24	EVJ-YE1F30B□□
	A	N	None	P2C7□□□-ND	2.84	23.71	177.85	1312.10	EVJ-Y00F30A□□
	D	N	None	P2D8□□□-ND	2.84	23.71	177.85	1312.10	EVJ-Y00F30D□□
8	B	Y	Metal	P2E9□□□-ND	3.34	27.81	208.56	1538.68	EVJ-Y91F03B□□
	AC	Y	Metal	P2F0□□□-ND	2.95	24.61	184.55	1361.54	EVJ-YK1F03□□□
	A	N	Metal	P2G1□□□-ND	3.25	27.14	203.54	1501.60	EVJ-Y10F03A□□
	D	N	Metal	P2H2□□□-ND	3.25	27.14	203.54	1501.60	EVJ-Y10F03D□□
9	B	Y	Plastic	P2I3□□□-ND	3.19	26.54	199.07	1468.65	EVJ-Y96F03B□□
	AC	Y	Plastic	P2J4□□□-ND	3.19	26.54	199.07	1468.65	EVJ-YK6F03□□□
	A	N	Plastic	P2K5□□□-ND	3.11	25.91	194.32	1433.63	EVJ-Y15F03A□□
	D	N	Plastic	P2L6□□□-ND	3.11	25.92	194.40	1434.25	EVJ-Y15F03D□□
10	B	Y	None	P2M7□□□-ND	2.97	24.75	185.67	1369.77	EVJ-C31F25B□□
	AC	Y	None	P2N8□□□-ND	2.97	24.75	185.67	1369.77	EVJ-CV1F25□□□
	A	N	None	P2P9□□□-ND	2.89	24.05	180.36	1330.64	EVJ-C00F25A□□
	D	N	None	P2Q0□□□-ND	2.89	24.05	180.36	1330.64	EVJ-C00F25D□□
11	B	Y	Metal	P2R1□□□-ND	3.39	28.18	211.35	1559.28	EVJ-C51F02B□□
	AC	Y	Metal	P2S2□□□-ND	3.39	28.18	211.35	1559.28	EVJ-CC1F02□□□
	A	N	Metal	P2T3□□□-ND	2.92	24.28	182.14	1343.82	EVJ-C20F02A□□
	D	N	Metal	P2U4□□□-ND	2.92	24.28	182.14	1343.82	EVJ-C20F02D□□
12	B	Y	Plastic	P2W5□□□-ND	3.23	26.88	201.58	1487.18	EVJ-C56F02B□□
	AC	Y	Plastic	P2X6□□□-ND	3.23	26.88	201.58	1487.18	EVJ-CC6F02□□□
	A	N	Plastic	P2Y7□□□-ND	3.14	26.21	196.55	1450.11	EVJ-C25F02A□□
	D	N	Plastic	P2Z8□□□-ND	3.14	26.21	196.55	1450.11	EVJ-C25F02D□□

For complete number, substitute corresponding code (from above chart) for □□□.
* Call Digi-Key for help in assembling manufacturer part number. ◆ RoHS Compliant

G

12mm Potentiometers

Specifications: Resistance Range: 5KΩ through 50KΩ • Tolerance: ±20% • Power Rating: .05w @ 50°C • Voltage Rating: E = √PR but E ≤ 50VAC/20VDC (Do not use DC Voltage) • Rotation Angle: 300° ±5° • Life: 15000 turns minimum • Application: Audio mixer

Fig. 7

Shaft : Ø 6.0 mm

Fig. 8

Shaft : Ø 6.0 mm

* Hardware Included

Fig. 9

Shaft : Ø 6.0 mm

Fig. 10

Shaft : Ø 6.0 mm

Fig. 11

Shaft : Ø 6.0 mm

* Hardware Included

Fig. 12

Shaft : Ø 6.0 mm

* Hardware for Fig. 8 and Fig. 11

Fig. 7

Footprint Applies to Figures 7, 8, & 9

Fig. 10

Footprint Applies to Figures 10, 11, & 12

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