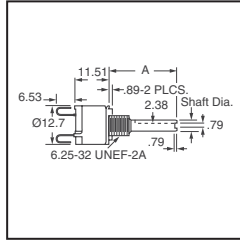




Precision Potentiometers

SERIES 3862 — 1 Watt Cermet 1/2" Diameter Single-Turn Panel Control

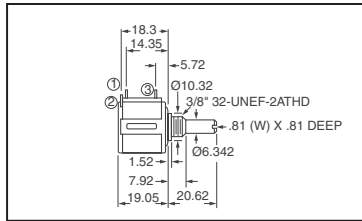


- **Resistance Tolerance:** ±10%
 - **Continuity:** Maintained for full mechanical angle
 - **Effective Electrical Angle:** 260° ±10°
 - **Contact Resistance Variation:** ±3% of total resistance
 - **Theoretical Resolution:** Essentially infinite
 - **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 750VAC minimum; 70,000 Feet: 350VAC minimum)
 - **Insulation Resistance (500 VDC):** 1,000MΩ minimum
- Mounting hardware included.

Ω	Dim. A (mm)	Shaft Dia. (mm)	Digi-Key Part No.	Price Each				
				1	25	50	100	250
10K	12.7	3.18	3862C-162-103AL-ND	14.69	11.44	9.34	7.90	7.35
10K	22.20	3.18	3862C-282-103AL-ND	14.69	11.44	9.34	7.90	7.35

SERIES 3540/3541 — 2 Watt - 10 Turn Wirewound/Hybratron®

Dim. in mm



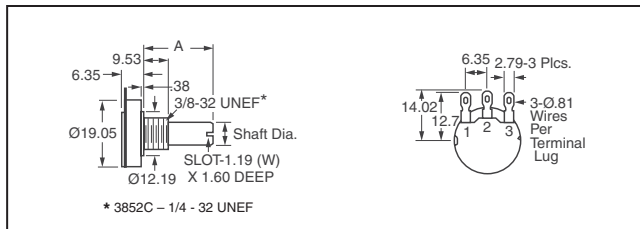
- **Resistance Tolerance:** ±5% for 3540 series ±10% for 3541 series
 - **Effective Electrical Angle:** 3600° +10°, -0°
 - **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 1,000VAC minimum)
 - **Insulation Resistance (500VDC):** 1,000MΩ minimum
- Mounting hardware included.

Ω	Resolution %	Digi-Key Part No.	Price Each			
			1	50	100	500
Wirewound						
100	.055	3540S-1-101-ND	26.76	21.68	19.80	18.74
500	.031	3540S-1-501-ND	26.76	21.68	19.80	18.74
1K	.027	3540S-1-102-ND	26.76	21.68	19.80	18.74
2K	.021	3540S-1-202-ND	26.76	21.68	19.80	18.74
5K	.021	3540S-1-502-ND	26.76	21.68	19.80	18.74
10K	.019	3540S-1-103-ND	26.76	21.68	19.80	18.74
20K	.014	3540S-1-203-ND	26.76	21.68	19.80	18.74
50K	.011	3540S-1-503-ND	29.76	24.10	22.02	20.84
100K	.008	3540S-1-104-ND	33.44	27.08	24.75	23.40
Hybratron						
1K	Essen-	3541H-1-102-ND	56.56	45.81	41.85	39.59
5K	tially	3541H-1-502-ND	56.56	45.81	41.85	39.59
10K	Infinite	3541H-1-103-ND	56.56	45.81	41.85	39.59

SERIES 3852 2 Watt Cermet 3/4" (19.05mm) Diameter Panel Control

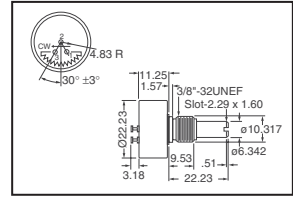


- **Resistance Tolerance:** ±10%
 - **Continuity:** Maintained for full mechanical angle
 - **Effective Electrical Angle:** 250° ±5°
 - **Contact Resistance Variation:** ±3% of total resistance or 3Ω (whichever is greater)
 - **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 900VAC minimum; 70,000 Feet: 350VAC minimum)
 - **Insulation Resistance (500VDC):** 1,000MΩ minimum
- Mounting hardware included.



Ω	Dim. A (mm)	Shaft Dia. (mm)	Digi-Key Part No.	Price Each				
				1	25	50	100	250
1K	12.7	6.35	3852A-162-102AL-ND	9.16	7.12	5.83	4.93	4.58
1K	22.20	6.35	3852A-282-102AL-ND	9.16	7.12	5.83	4.93	4.58
5K	22.20	6.35	3852A-282-502AL-ND	9.16	7.12	5.83	4.93	4.58
10K	22.20	6.35	3852A-282-103AL-ND	9.16	7.12	5.83	4.93	4.58
10K	12.7	6.35	3852A-162-103AL-ND	9.16	7.12	5.83	4.93	4.58
100K	22.20	6.35	3852A-282-104AL-ND	9.16	7.12	5.83	4.93	4.58
10K	22.20	3.18	3852C-282-103AL-ND	9.16	7.12	5.83	4.93	4.58

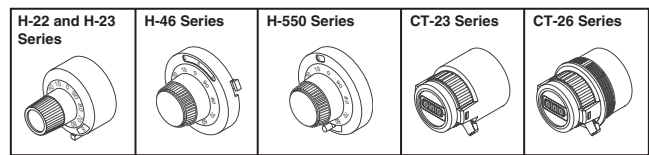
SERIES 6639 — 1 Watt Conductive Plastic - Bushing Mount



- **Resistance Tolerance:** Standard ±15%
 - **Resolution:** Essentially infinite
 - **Effective Electrical Angle:** 340° ±3°
 - **End Voltage:** 0.5% maximum
 - **Output Smoothness:** 0.1%
 - **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 750VAC minimum)
 - **Insulation Resistance (500 VDC):** 500MΩ minimum
- Mounting hardware included.

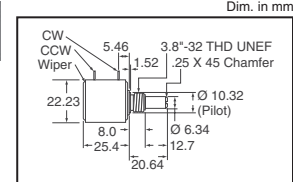
Ω	Digi-Key Part No.	Price Each			
		1	50	100	500
1K	6639S-1-102-ND	11.46	9.29	8.48	8.30
5K	6639S-1-502-ND	11.46	9.29	8.48	8.30
10K	6639S-1-103-ND	11.46	9.29	8.48	8.30

SERIES H-22, H-23, H-46, H-550, CT-23 and CT-26 Turns-Counting Dials



Turns	Read Out	Division/ Turn	Brake	Dia. (mm)	Accepts Shaft Dia. (mm)	Body Finish	Digi-Key Part No.	Price Each		
								1	25	50
H-22 Series										
0-15	Analog	50	Yes	22	6.35	Clear	H-22-6A-ND	8.54	8.12	7.69
						Black	H-22-6A-B-ND	11.54	8.88	7.85
						Clear	H-22-6M-ND	11.54	8.88	7.85
H-23 Series										
0-15	Analog	50	Yes	22	6.35	Polished	H-23-6A-ND	11.54	8.88	7.85
							H-23-6M-ND	11.54	8.88	7.85
H-46 Series										
0-20	Analog	100	Yes	46	6.35	Clear	H-46-6A-ND	16.90	16.06	15.21
H-550 Series										
0-11	Analog	100	Yes	46	6.35	Clear	H-550-6A-1-ND	12.39	11.68	11.15
CT-23 Series										
0-10	Digital	50	Yes	27	6.35	Clear	CT-23-6A-ND	20.42	15.63	14.81
							CT-23-6M-ND	20.42	15.63	14.81
CT-26 Series										
0-10	Digital	50	Yes	28	6.35	Clear	CT-26-6A-ND	20.42	15.63	14.81
							CT-26-6M-ND	20.42	15.63	14.81

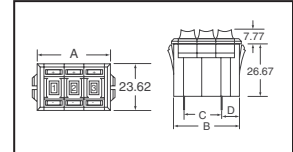
SERIES 3500 2 Watt - 10 Turn Wirewound



- **Resistance Tolerance:** ±3%
 - **Independent Linearity:** ±0.20%
 - **Effective Electrical Angle:** 3600° +10°, -0°
 - **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 1,500VAC minimum; 70,000 Feet: 400VAC minimum)
 - **Insulation Resistance (500VDC):** 1,000MΩ minimum
- Mounting hardware included.

Ω	Resolution %	Digi-Key Part No.	Price Each				
			1	25	100	500	1,000
1K	.030	3500S-2-102L-ND	41.75	33.82	30.91	29.23	27.15
5K	.018	3500S-2-502L-ND	41.75	33.82	30.91	29.23	27.15
10K	.019	3500S-2-103L-ND	41.75	33.82	30.91	29.23	27.15

SERIES 3680 2 Watt Pushbutton Cermet



- **Resistance Tolerance:** ±3%
- **Resolution:** 3682: 1%; 3683: 0.1%
- **Power Rating:** +25°C: 2 Watts
- **Dielectric Withstanding Voltage:** MIL-STD-202, Method 301 (Sea Level: 1000VAC minimum)

Ω	Dimensions (mm)				Digi-Key Part No.	Price Each				
	A	B	C	D		1	25	100	500	1,000
10K	26.67	25.15	10.67	11.94	3682S-1-103L-ND	27.34	22.14	20.23	19.14	17.78
1K	37.08	35.31	18.54	11.94	3683S-1-102L-ND	40.46	32.77	29.94	28.32	26.30
5K	37.08	35.31	18.54	11.94	3683S-1-502L-ND	40.46	32.77	29.94	28.32	26.30
10K	37.08	35.31	18.54	11.94	3683S-1-103L-ND	40.46	32.77	29.94	28.32	26.30

More Product Available Online: www.digikey.com