

Servo Mount Potentiometers - continued

1 Watt – 157 Series, Conductive Plastic - continued

±2% and ±0.5% Linearity - continued

1K = 121-3240 2K = 121-3241 5K = 121-3242 10K = 121-3243
 Standard 157-22 ±0.5% linearity
 1K = 121-3244 2K = 121-3245 5K = 121-3247 10K = 121-3248 20K = 121-3249
 Mfrs. List No. 1527-21 + Value, 157-22 + Value

207292

	Order Code	1+	10+	25+	50+	+
157-21 ±2% lin.	All Values	1,761.00	1,664.00	--	--	--
152-9002 ±0.5% lin.	All Values	2,742.00	2,502.00	2,300.00	2,043.00	--
Mounting kit	121-3250	168.00	148.00	144.00	107.00	--

1 Watt – 6539S Series, Conductive Plastic



- High quality conductive plastic servo mount potentiometer
- Essentially infinite resolution, excellent rotational life

L = 12.7 (body), 9.53 (spindle)
 Dia = 22.2 (body), 19.05 (recess), 3.17 (spindle)

Power rating @ 70°C	1W	Mechanical rotation	360° continuous
Voltage rating	300V ac (or limited by power dissipation whichever <)	Rotational life	10000000 cycles
Resistance tolerance	±15%	Output smoothness	0.1% max
Linearity	340° ±3%	Insulation resistance	500MΩ
		Operating temperature	-65°C to + 125°C

Stocked in the following OHMIC Values:
 1K = 238-065 2K = 653-032 5K = 238-077 10K = 238-089 50K = 653-056

207191

	Order Code	1+	10+	25+	50+
Potentiometer	All Values	2,239.00	2,076.00	1,928.00	1,785.00

Digital Push Button Potentiometers

2 Watt – 3682/3683/3684 Series



Panel cut-out = 25.9 x 21.0, ±0.2



Panel cut-out = 36.0 x 21.0, ±0.2



Panel cut-out = 46.2 x 21.0, ±0.2



- Digital push-button potentiometer enabling precise setting of resistance value
- Snap-in panel mounting.

Power rating @ 25°C	2W	Absolute minimum resistance	0.3Ω or 0.2% whichever >
Voltage rating	500V ac (or limited by power dissipation whichever <)	Dielectric strength (sea level)	1000V ac
Resistance tolerance	±3%	Insulation resistance @ 500V dc	MR>1000MΩ
Temperature coefficient	±100ppm/°C	No. of operations	75000 min
Dial reading to O/P ratio	±0.5% full scale	Readout marking	10 positions
Repeatability of dial reading	0.1% of full scale	Operating temperature	-25°C to +85°C

Stocked in the following OHMIC values:

3682 - Two button
 1K = 120-0088 5K = 120-0089 10K = 120-0090 100K = 120-0091

Mfrs. List No. = 3682 + value

3683 - Three button
 1K = 120-0081 5K = 120-0083 10K = 120-0084 100K = 120-0085

Mfrs. List No. = 3683 + value

3684 - Four button
 10K = 120-0092

Mfrs. List No. = 3684 + value

207426

	Order Code	1+	10+	25+	50+
2 button	All Values	2,900.00	2,649.00	2,393.00	2,346.00
3 button	All Values	2,900.00	2,649.00	2,393.00	2,346.00
4 button	120-0092	2,900.00	2,649.00	2,393.00	2,346.00

Digital Output Potentiometers

EC Series Digital Contacting Encoder



Body D=27.6, W=22.2, H=7.4
 Shaft=19.0 (inc bush) x 6.32 dia,
 Bush=M9 x 0.75

- Low cost digital contacting encoders, long operating life and high operating temperature characteristics
- 2 bit gray code output is produced, channel A leads channel B by 90° (clockwise)
- Optional snap-on PCB mounting bracket

Contact rating	10mA @ 10V, or 0.1W	Maximum operating speed	120 rpm
Voltage rating	350V ac (or limited by power dissipation whichever <)	Rotational life	200000 revs
Dielectric strength	1000V ac	Mechanical rotation	Continuous
		Insulation resistance	>1000MR
		Operating temperature	+1°C to + 125°C

Cycles Per Revolution	Detents	Mfrs List No.	Order Code
6	24	ECW0J-B24-AC0006	109-111
24	24	ECW1J-B24-AC0024	120-080

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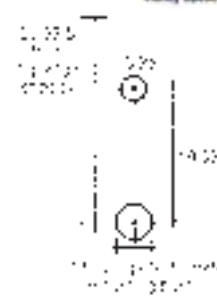
	Order Code	1+	25+	50+	100+
Encoder, 6 cycles	109-111	310.00	240.00	197.00	177.00
Encoder, 24 cycles	120-0080	310.00	240.00	197.00	166.00
PCB mounting bracket	219-113	26.00	20.00	19.00	18.00

Counting Dials

10 Turn Digital



H=44.5, W=25.4, D=22



Panel cut-out

- 10 turn digital counter dial
- Three black dials with white markings
- Supplied with key for tightening the locking set screws

Operating temperature	-20°C to +50°C		
Mfrs. List No.	Finish	Protective Window	Order Code
15-1-11	Satin chrome	No	121-9775
15-1-13	Black chrome	No	121-9779
15-1-31	Satin chrome	Yes	121-9780
15-1-33	Black chrome	Yes	121-9781

207384

	Order Code	1+	10+	25+	50+	+
Without window						
Satin	121-9775	1,716.00	1,583.00	1,506.00	1,233.00	--
Black	121-9779	1,660.00	1,495.00	1,366.00	1,286.00	--
With window						
Satin	121-9780	1,666.00	1,508.00	1,434.00	1,323.00	--
Black	121-9781	1,674.00	1,533.00	1,441.00	1,388.00	--

10 Turn



- 10 turn digital counting dial
- Accurate to 1/500th per revolution
- White markings on a black background
- Recessed mounting reducing front panel projection
- Supplied with lock nut and allen key

Body dia=28 max, D=33, Shaft dia=6.35
 Projection from front panel=17
 Panel cut-out max=28.9 dia, Panel thickness=3.5

