

ETI SYSTEMS Precision and Membrane Potentiometers

RoHS Compliant This product is RoHS compliant.



MEMBRANE POTENTIOMETERS

Features:

- Thickness: 0.7mm (Standard), 1.7mm (Magnetic), and 0.7mm (Hybrid)
- Linear and rotary (incl. multi-turn) designs are possible
- Excellent accuracy and linearity
- Life cycle: between 1 and 20 million operations
- Temperature ranges: up to +125°C (257°F)
- NEMA 4 sealed (IP 42) - Up to IP 67I NEMA 4X possible upon request
- Non-contact (magnetic) version with excellent product features available
- All products can be fully customized with a short lead time

PRODUCT **NEW**

RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Value (Ohms)	Resistance Tol.	Operating Voltage	Price Each			
						1	10	25	50
Standard Shaft Length: 50mm									
882-SL67600162	SL67600162	A	2.5K	30%	5-30V	18.69	17.71	16.71	14.85
Standard Shaft Length: 100mm									
882-SL67600163	SL67600163	B	2.5K	30%	5-30V	20.87	19.78	18.65	16.50
Standard Shaft Length: 250mm									
882-SL67600164	SL67600164	C	2.5K	30%	5-30V	24.59	23.26	21.97	19.41
Magnet Linear Foil/Foil Shaft Length: 100mm									
882-ML67600166	ML67600166	D	10	30%	5-30V	32.55	30.85	29.08	24.73
Hybrid Linear Foil/Foil Shaft Length: 100mm									
882-HL67600165	HL67600165	E	2.5	30%	5-30V	29.43	27.87	26.30	23.26
Standard Linear FR4 Shaft Length: 100mm									
882-FSL65400127	FSL65400127	F	10	30%	5-30V	45.98	43.56	41.14	36.30
Standard Rotary Foil/Foil Shaft Length: 8mm									
882-SR67600167	SR67600167	G	2.5K	30%	5-30V	17.42	16.51	15.59	13.75
882-SR67600168	SR67600168	G	2.5K	30%	5-30V	17.42	16.51	15.59	13.75
882-SR67600169	SR67600169	G	2.5K	30%	5-30V	17.42	16.51	15.59	13.75

Precision Pots

ETI Systems

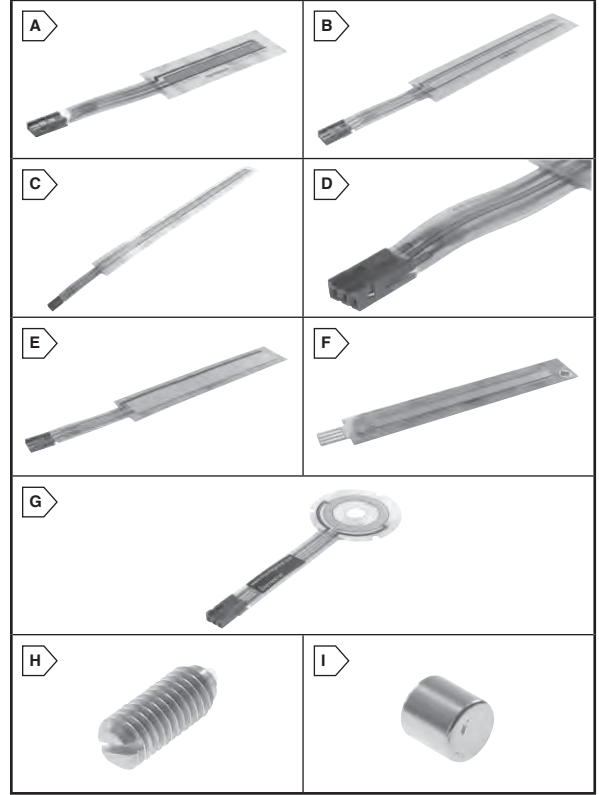
Accessories

PRODUCT **NEW**

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MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Description	Price Each		
				1	5	10
882-WS1-3N	WS1-3N	H	Wiper 1-3N for Standard	6.41	6.29	6.07
882-WS2-6N	WS2-6N	H	Wiper 2-6N for Hybrid	6.41	6.29	6.07
882-MD44-N52	MD44-N52	I	Magnet	6.41	6.29	6.07



RV4 SERIES POTENTIOMETERS

Mechanical Specifications:

- Mechanical rotation: 314°
- Operating torque: 1 oz/in. to 6 oz/in.
- Rotational life: 25,000 cycles

Environmental Specifications:

- Operating temperature: -65°C to +125°C
- Resistance to soldering heat: 350°C for 5 seconds
- Load life: 1000 hours at 70°C



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MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Value (Ohms)	Resistance Tol.	Operating Voltage	Price Each			
						1	10	25	50
882-RV4LAYS4502A	RV4LAYS4502A	A	5K	10%	500V	13.73	12.48	10.93	9.99
882-RV4LAYS4103A	RV4LAYS4103A	A	10K	10%	500V	13.73	12.48	10.93	9.99
882-RV4LAYS4503A	RV4LAYS4503A	A	50K	10%	500V	13.73	12.48	10.93	9.99
882-RV4NAYS4101A	RV4NAYS4101A	B	100	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4501A	RV4NAYS4501A	B	500	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4102A	RV4NAYS4102A	B	1K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4252A	RV4NAYS4252A	B	2.5K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4502A	RV4NAYS4502A	B	5K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4103A	RV4NAYS4103A	B	10K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4503A	RV4NAYS4503A	B	50K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4104A	RV4NAYS4104A	B	100K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4105A	RV4NAYS4105A	B	1M	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4102A	RV4NAYS4102A	C	1K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4502A	RV4NAYS4502A	C	5K	10%	500V	13.12	11.92	10.43	9.53
882-RV4NAYS4103A	RV4NAYS4103A	C	10K	10%	500V	13.12	11.92	10.43	9.53

RV6 SERIES POTENTIOMETERS

Mechanical Specifications:

- Mechanical rotation: 295°
- Operating torque: 5oz/in. to 6oz/in.
- Rotational life: 25,000 cycles

Environmental Specifications:

- Operating temperature: -65°C to +125°C
- Resistance to soldering heat: 350°C for 5 seconds
- Load life: 1000 hours at 70°C



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MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Value (Ohms)	Resistance Tol.	Operating Voltage	Price Each			
						1	10	25	50
882-RV6LAYS4102A	RV6LAYS4102A	E	1K	10%	350V	15.61	14.20	12.42	11.36
882-RV6LAYS4502A	RV6LAYS4502A	E	5K	10%	350V	15.61	14.20	12.42	11.36
882-RV6LAYS4103A	RV6LAYS4103A	E	10K	10%	350V	15.61	14.20	12.42	11.36
882-RV6NAYS4102A	RV6NAYS4102A	D	1K	10%	350V	14.19	12.90	11.28	10.32
882-RV6NAYS4502A	RV6NAYS4502A	D	5K	10%	350V	14.19	12.90	11.28	10.32
882-RV6NAYS4103A	RV6NAYS4103A	D	10K	10%	350V	14.19	12.90	11.28	10.32

