

# MURATA Trimmer Potentiometers and Angle Sensors



This product is RoHS compliant.

## SMD MULTI-TURN TRIMMER POTENTIOMETERS, 12 TURNS CERMET (CONT.)

### Features:

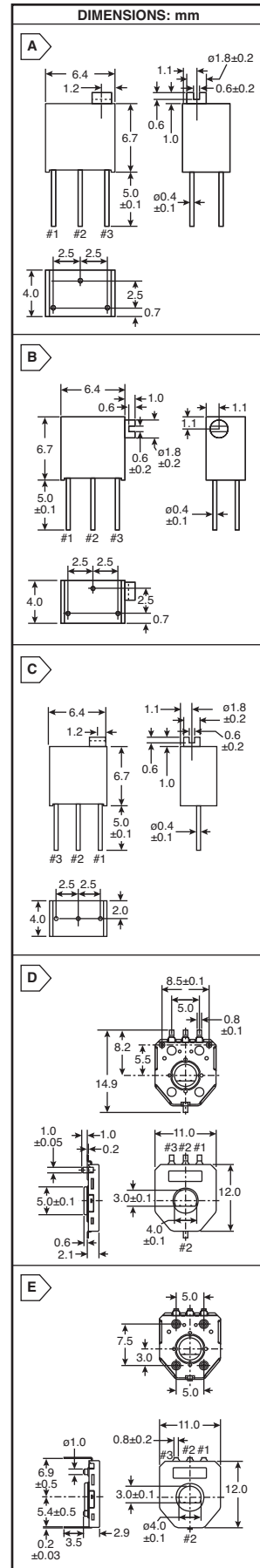
- 12 turn high resolution cermet
- Compatible with ultrasonic cleaning
- Clutch mechanism to prevent excessive wiper rotation



RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Murata Part No.	Fig.	Value (Ω)	Power Rating (W)	Soldering Method	TCR (ppm / °C)	Price Each			
							1	50	100	500
81-PV37W200C01B00	PV37W200C01B00	A	20	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W500C01B00	PV37W500C01B00	A	50	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W101C01B00	PV37W101C01B00	A	100	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W201C01B00	PV37W201C01B00	A	200	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W501C01B00	PV37W501C01B00	A	500	0.25	Flow / Soldering Iron	±150	1.11	.92	.78	.646
81-PV37W102C01B00	PV37W102C01B00	A	1K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W202C01B00	PV37W202C01B00	A	2K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W502C01B00	PV37W502C01B00	A	5K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W103C01B00	PV37W103C01B00	A	10K	0.25	Flow / Soldering Iron	±150	1.11	.92	.78	.646
81-PV37W203C01B00	PV37W203C01B00	A	20K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W253C01B00	PV37W253C01B00	A	25K	0.25	Flow / Soldering Iron	±150	1.22	1.10	.774	.755
81-PV37W503C01B00	PV37W503C01B00	A	50K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W104C01B00	PV37W104C01B00	A	100K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W204C01B00	PV37W204C01B00	A	200K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W254C01B00	PV37W254C01B00	A	250K	0.25	Flow / Soldering Iron	±150	1.61	1.40	1.02	.962
81-PV37W504C01B00	PV37W504C01B00	A	500K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W105C01B00	PV37W105C01B00	A	1000K	0.25	Flow / Soldering Iron	±150	1.23	1.11	.78	.668
81-PV37W205C01B00	PV37W205C01B00	A	2000K	0.25	Flow / Soldering Iron	±150	1.51	1.37	.963	.923
81-PV37X200C01B00	PV37X200C01B00	B	20	0.25	Flow / Soldering Iron	±150	1.31	1.18	.831	.712
81-PV37X500C01B00	PV37X500C01B00	B	50	0.25	Flow / Soldering Iron	±150	1.31	1.18	.831	.712
81-PV37X101C01B00	PV37X101C01B00	B	100	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X201C01B00	PV37X201C01B00	B	200	0.25	Flow / Soldering Iron	±150	1.18	.98	.831	.717
81-PV37X501C01B00	PV37X501C01B00	B	500	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X102C01B00	PV37X102C01B00	B	1K	0.25	Flow / Soldering Iron	±150	1.31	.98	.83	.717
81-PV37X202C01B00	PV37X202C01B00	B	2K	0.25	Flow / Soldering Iron	±150	1.18	.98	.831	.717
81-PV37X502C01B00	PV37X502C01B00	B	5K	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X103C01B00	PV37X103C01B00	B	10K	0.25	Flow / Soldering Iron	±150	1.18	.98	.831	.717
81-PV37X203C01B00	PV37X203C01B00	B	20K	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X253C01B00	PV37X253C01B00	B	25K	0.25	Flow / Soldering Iron	±150	1.30	1.18	.825	.815
81-PV37X503C01B00	PV37X503C01B00	B	50K	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X104C01B00	PV37X104C01B00	B	100K	0.25	Flow / Soldering Iron	±150	1.18	.98	.831	.717
81-PV37X204C01B00	PV37X204C01B00	B	200K	0.25	Flow / Soldering Iron	±150	1.31	.98	.817	.717
81-PV37X254C01B00	PV37X254C01B00	B	250K	0.25	Flow / Soldering Iron	±150	1.30	1.17	.825	.707
81-PV37X504C01B00	PV37X504C01B00	B	500K	0.25	Flow / Soldering Iron	±150	1.31	.98	.831	.717
81-PV37X105C01B00	PV37X105C01B00	B	1000K	0.25	Flow / Soldering Iron	±150	1.31	1.18	.831	.712
81-PV37X205C01B00	PV37X205C01B00	B	2000K	0.25	Flow / Soldering Iron	±150	1.61	1.46	1.02	.923
81-PV37Y200C01B00	PV37Y200C01B00	C	20	0.25	Flow / Soldering Iron	±150	1.61	1.46	.963	.953
81-PV37Y500C01B00	PV37Y500C01B00	C	50	0.25	Flow / Soldering Iron	±150	1.61	1.46	1.02	.87
81-PV37Y101C01B00	PV37Y101C01B00	C	100	0.25	Flow / Soldering Iron	±150	1.61	1.46	1.02	.87
81-PV37Y201C01B00	PV37Y201C01B00	C	200	0.25	Flow / Soldering Iron	±150	1.22	1.11	.778	.666
81-PV37Y501C01B00	PV37Y501C01B00	C	500	0.25	Flow / Soldering Iron	±150	1.30	1.17	.824	.706
81-PV37Y102C01B00	PV37Y102C01B00	C	1K	0.25	Flow / Soldering Iron	±150	1.69	1.57	1.08	.926
81-PV37Y202C01B00	PV37Y202C01B00	C	2K	0.25	Flow / Soldering Iron	±150	1.33	1.20	.844	.723
81-PV37Y502C01B00	PV37Y502C01B00	C	5K	0.25	Flow / Soldering Iron	±150	1.37	1.31	1.25	1.19
81-PV37Y103C01B00	PV37Y103C01B00	C	10K	0.25	Flow / Soldering Iron	±150	1.83	1.65	1.15	.982
81-PV37Y203C01B00	PV37Y203C01B00	C	20K	0.25	Flow / Soldering Iron	±150	1.63	1.47	1.16	1.08
81-PV37Y253C01B00	PV37Y253C01B00	C	25K	0.25	Flow / Soldering Iron	±150	1.30	1.17	.825	.707
81-PV37Y503C01B00	PV37Y503C01B00	C	50K	0.25	Flow / Soldering Iron	±150	2.08	1.88	1.31	1.12
81-PV37Y104C01B00	PV37Y104C01B00	C	100K	0.25	Flow / Soldering Iron	±150	1.83	1.64	1.15	1.12
81-PV37Y204C01B00	PV37Y204C01B00	C	200K	0.25	Flow / Soldering Iron	±150	1.61	1.46	1.02	.923
81-PV37Y254C01B00	PV37Y254C01B00	C	250K	0.25	Flow / Soldering Iron	±150	1.61	1.46	1.02	.87
81-PV37Y504C01B00	PV37Y504C01B00	C	500K	0.25	Flow / Soldering Iron	±150	1.30	1.18	.825	.707
81-PV37Y105C01B00	PV37Y105C01B00	C	1000K	0.25	Flow / Soldering Iron	±150	1.94	1.65	1.29	1.13
81-PV37Y205C01B00	PV37Y205C01B00	C	2000K	0.25	Flow / Soldering Iron	±150	1.30	1.17	.825	.707



## 12MM ANGLE SENSOR DUST PROOF POTENTIOMETERS

### Features:

- Dust-proof construction protects the interior from dust, which maintains stable characteristics
- Compliant to high peak temperature lead free soldering
- Excellent resistance materials and high reliability wiper achieves 1M cycles
- "D" formation thru-hole rotor enables selection of any kind of gear shape
- Ultra-thin size (2.1mm height)
- Au plated terminals without lead



RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Murata Part No.	Fig.	Value (Ω)	Linearity (%)	Angle of Rotation	Mount	TCR (ppm / °C)	Price Each			
								1	50	100	500
81-SV01A103AEA01B00	SV01A103AEA01B00	D	10K	±2	333 1/3°	SMD	±500	1.18	1.02	1.00	.925
81-SV01L103AEA11T00	SV01L103AEA11T00	E	10K	±2	333 1/3°	Through - Hole	±500	1.26	1.09	1.06	.99

