

## Honeywell Sensing and Control



[Home](#) > [Products](#) > [Conductive Plastic Potentiometers](#) > [53](#) > [Product Page](#)

### 53C12K



*Actual product appearance may vary.*

**53 Series Industrial Potentiometer,  
Conductive Plastic Element, Solder lug  
Terminals, 2 W Power Rating, 2 kOhm  
Resistance Value**

#### Order Product and Get Support

- U.S. Authorized Distributors
- Global Sales & Service
- N. American Sales Reps
- Distributor Inventory
- Technical Assistance
- White Papers
- Literature Request
- Test and Measurement Catalog
- RoHS Product List
- Customer Feedback

#### Features

Robust nickel-plated brass shaft and bushings  
Conductive plastic element  
Linear taper  
25,000 cycle rotational life

#### Potential Applications

Manual controls (throttle, joystick)  
Electric vehicles  
Personal mobility  
Off-road vehicles  
Welding and heating  
Telecommunications

#### Description

The 53 Series is an economical potentiometer made with a rugged construction. It offers a 2 watt power rating and the benefits of a conductive plastic element. It is available in a special construction that accepts a rotary switch (purchased separately).

#### Supporting Documentation

[Dimensions](#)

[Accessory: Knobs and Dial Plate](#)

#### Product Specifications

Product Specifications	
Potentiometer Type	Industrial
Element Type	Conductive Plastic
Terminal	Solder lug
Power Rating	2 W
Resistance Value	2 kOhm
Resistance Tolerance	± 10 %
Linearity	± 5 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF-2A
Bushing Length	9,53 mm [0.375 in]
Bushing Type	Standard
Shaft Diameter	6,35 mm [0.25 in]
Shaft Length	50,80 mm [2.0 in]
Shaft Ending	Plain round

#### My Links

- [Login to iCOM](#)
- [Login as Rep/AD](#)
- [Login as Guest](#)
- [Login to Digital University](#)

#### Keyword Search

Search for product and support information.

 [→](#)

#### Product Search

Part number search:

 [→](#)

Use (\*) to expand search

→ [Specification Search](#)

Body	27.8 mm [1.094 in] diameter max. except at terminal standoff
Electrical Taper	Linear
Operating Temperature	-55 °C to 120 °C [-67 °F to 248 °F]
Working Voltage (Max.)	500 V
Rotational Life	25000 cycles
Mechanical Rotation	312°
Availability	Global
Series Name	53
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

[Terms & Conditions](#) | [Privacy Statement](#) | [Site Map](#)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Potentiometers](#) category:*

*Click to view products by [Honeywell](#) manufacturer:*

Other Similar products are found below :

[58C2-2](#) [590SX1N32F103SS](#) [591SXJ48S252SC](#) [591SXP56S252SC](#) [591SXP56S503SC](#) [D31409](#) [70B1G048K502X-A](#) [70B1M032S502W](#)  
[70B1N056S202W](#) [70B8N056F502W](#) [70J8N048S104U](#) [70L1N040P103W](#) [70L1N048P103X](#) [70L1N048S103W](#) [GA2L040S102UC](#)  
[GA2L040S103UC](#) [GS1G044P103UA](#) [GS1N048P103UA](#) [GS1T032S103UA](#) [A43-1500](#) [A43-20K](#) [A47-200K](#) [A4720K](#) [RA20LASD251A](#)  
[132-2-0-202](#) [RK14K1220-F25-C0-A103](#) [RK14K1220F25C0C104](#) [RK14K1220-F25-C1-B103](#) [14910FAGJSX10102KA](#)  
[14910FBGLFY00103KA](#) [14910AABHSX10103KA](#) [14910FAGJSX10104KA](#) [152-01031](#) [C0342008 5K](#) [P270-109A](#) [J97589](#) [23M728](#)  
[248BBHS0XB25104MA](#) [RV170F-10-15R1-B500K-0021](#) [RV8NAYSB104A](#) [917523A](#) [A43-40](#) [A43-750](#) [A43S-5](#) [A47-15K](#) [A4750K](#)  
[SPPG048S103U](#) [SPPG056P103U](#) [SWE-10](#) [GA2G040F103BA](#)