

Honeywell Sensing and Control



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

53C15MEG



Actual product appearance may vary.

**53 Series Industrial Potentiometer,
Conductive Plastic Element, Solder lug
Terminals, 2 W Power Rating, 5 MOhm
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	5 MOhm
Resistance Tolerance	± 20 %
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](#)