



Home > Products > Cermet and Wirewound Elements > 58 > Product Page

### 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

## 58C250



Actual product appearance may vary.

**58 Series Industrial Potentiometer, Wire Wound Element, Solder lug Terminals, 4 W Power Rating, 50 Ohm Resistance Value**

### Features

Robust nickel-plated brass shaft and bushings  
Wirewound element  
Linear taper  
Very stable over the operating temperature  
Locking style bushing

### Potential Applications

Manual controls  
Welding and heating

### Description

The 58 Series is a 4 watt potentiometer made with a wirewound element. It offers a rugged metal construction and a linear taper.

### Supporting Documentation

#### Dimensions

Product Specifications	
Potentiometer Type	Industrial
Element Type	Wire Wound
Terminal Type	Solder lug
Power Rating	4 W
Resistance Value	50 Ohm
Resistance Tolerance	± 5 %
Linearity	± 2 %
Bushing Thread	9,53 mm [0.375 in] x 32 NEF -2A
Bushing length	12,7 mm [0.5 in]
Bushing Type	Locking
Shaft Diameter	6,35 mm [0.25 in]
Shaft length	15,88 mm [0.625 in]
Shaft Ending	Slotted
Body	42.93 mm [1.69 in] diameter, ± 0.79 mm [0.031 in], except at terminal standoff
Electrical Taper	Linear
Operating Temperature	-55 °C to 105 °C [ -67 °F to 220 °F]
Working Voltage (Max.)	350 V
Rotational Life	25000 cycles
Mechanical Rotation	300°
Availability	Global
Series Name	58
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

### My Links

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

### Keyword Search

Search for product and support information.

All Sensing and Control

### Product Search

Part number search:

Use (\*) to expand search

Specification Search