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53C375K



Actual product appearance may vary.

53 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 2 W Power Rating, 75 kOhm Resistance Value

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 |                                                              |
|------------------------|--------------------------------------------------------------|
| Potentiometer Type     | Industrial                                                   |
| Element Type           | Conductive Plastic                                           |
| Terminal Type          | Solder lug                                                   |
| Power Rating           | 2 W                                                          |
| Resistance Value       | 75 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           | 22,23 mm [0.875 in]                                          |
| Shaft Ending           | Slotted                                                      |
| 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                                    |

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