



140-501FAG-RB1 Discrete Thermistors

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Actual product appearance may vary.

140 Series, 2,54 mm [0.1 in] disc thermistor with leads, 500 Ohm resistance, $\pm 10.0\%$ tolerance, 25/85 BETA = 3468

Description

140 Series, 142 Series and 143 Series Thermistors are available in a broad range of custom resistance values and R/T curves. Leads are uninsulated. Diameters range from 2,54 mm [0.1 in] to 10,16 mm [0.4 in]. They are available on tape and reel.

Features

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- Cost effective
- PC board mountable
- Rugged design
- Versatile
- Solderable leads
- Available on tape and reel

Potential Applications

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- Low-cost applications with a maximum temperature of 150 °C [302 °F]
- PCB temperature sensing
- Automotive

Product Specifications

Availability	Global
Resistance	500 Ohm
Tolerance	±10.0%
Accuracy	25 °C [77 °F]
Beta	3468
Operating Temperature	-60 °C to 125 °C [-76 °F to 257 °F]
Diameter	2,54 mm [0.10 in]
Termination Material	Tinned copper
Lead Length	38,1 mm [1.50 in]
Time Constant in Air	10.0 s
Dissipation Constant	3,0 m/W°C
Series Name	140