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**SS461C**

( Home : Products : Sensors » Magnetic Sensors » 1st Level Hall-Effect Sensors » SS400 )



Actual product appearance may vary.

SS461 High Sensitivity Bipolar Latching Hall-Effect Digital Position Sensor IC, flat TO-92-style package, bulk packaging

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Overview Specs Documentation Application Notes

**Product Specifications**

Product Type	Hall-Effect Digital Position Sensor IC
Package Quantity/Type	Available in 1,000/Bag
Package Type	Radial Lead IC
Supply Voltage	4.0 Vdc to 24.0 Vdc (-40 °C to 125 °C)
Output Type	Sink
Termination Type	PC Board
Magnetic Actuation Type	Bipolar latching
Operating Temperature	-40 °C to 125 °C [-40 °F to 257 °F]
Storage Temperature	-40 °C to 150 °C [-40 °F to 302 °F]
Output Voltage	0.4 Vdc max.
Switching Time Rise (10 % to 90 %)	1.5 µs max.
Switching Time Fall (90 % to 10 %)	1.5 µs max.
Operate Point	5.0 mT [50 G] typ. (-40 °C to 125 °C)
Release Point	-5.0 mT [-50 G] typ. (-40 °C to 125 °C)
Availability	Global
Supply Current	6 mA max.
Output Current (max.)	20 mA
Leakage Current	10 µA max.
Differential	10.0 mT [100 G] max. at -40 °C to 125 °C
Series Name	SS400

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