



F02P050S05L Information



For Reference Only

Part Number F02P050S05L

Manufacturer Tamura

Category Sensors, Transducers

Current Transducers

Description SENSOR

Package

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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F02P050S05L Specifications

Manufacturer Part Number F02P05080\$L Manufacturer Tamura Category Sensors, Transducers Package - Series F02P For Measuring AC Sensor Type Flux Gate, Closed Loop Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -		
Category Sensors, Transducers Package - Series F02P For Measuring AC Sensor Type Flux Gate, Closed Loop Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Manufacturer Part Number	F02P050S05L
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Package - Series F02P For Measuring AC Sensor Type Flux Gate, Closed Loop Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Category	Sensors, Transducers
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For Measuring AC Sensor Type Flux Gate, Closed Loop Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Package	-
Sensor Type Flux Gate, Closed Loop Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3μs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Series	F02P
Current - Sensing 50A Number of Channels 1 Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	For Measuring	AC
Number of Channels Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply Sv Response Time 0.3µs Current - Supply (Max) Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Sensor Type	Flux Gate, Closed Loop
Output Ratiometric, Voltage Sensitivity 12.5mV/A Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 55mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Current - Sensing	50A
Sensitivity Frequency 300kHz Linearity ±1% Accuracy ±0.9% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) Operating Temperature Package / Case 12.5mV/A 16.9% 1	Number of Channels	1
Frequency 300kHz Linearity $\pm 1\%$ Accuracy $\pm 0.9\%$ Voltage - Supply 5V Response Time $0.3 \mu \text{s}$ Current - Supply (Max) 55mA Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Polarization $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Bidirectional $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting Type $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$	Output	Ratiometric, Voltage
Linearity±1%Accuracy±0.9%Voltage - Supply5VResponse Time0.3μsCurrent - Supply (Max)55mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Sensitivity	12.5mV/A
Accuracy $\pm 0.9\%$ Voltage - Supply $5V$ Response Time $0.3\mu s$ Current - Supply (Max) $55mA$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$ PolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Frequency	300kHz
Voltage - Supply5VResponse Time0.3μsCurrent - Supply (Max)55mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Linearity	±1%
Response Time0.3μsCurrent - Supply (Max)55mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Accuracy	±0.9%
Current - Supply (Max) Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Voltage - Supply	5V
Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Response Time	0.3μs
Polarization Bidirectional Mounting Type Through Hole Package / Case -	Current - Supply (Max)	55mA
Mounting Type Through Hole Package / Case -	Operating Temperature	-40°C ~ 105°C
Package / Case -	Polarization	Bidirectional
	Mounting Type	Through Hole
Report errors?	Package / Case	-
*		Report errors?

F02P050S05L Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

F02P050S05L Payment Methods



















F02P050S05L Shipping Methods













If you have any question about F02P050S05L, please do not hesitate to contact us!

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