



## F01P006S05L Information



For Reference Only

Part Number F01P006S05L

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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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# F01P006S05L Specifications

Manufacturer Part Number         F01P006S05L           Manufacturer         Tamura           Category         Sensors, Transducers           Package         -           Series         F01P           For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -           Report errors?		
Category         Sensors, Transducers           Package         -           Series         F01P           For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -	Manufacturer Part Number	F01P006S05L
Package         -           Series         F01P           For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -	Manufacturer	Tamura
Package         -           Series         F01P           For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -	Category	Sensors, Transducers
Series         F01P           For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3μs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -		Current Transducers
For Measuring         AC           Sensor Type         Flux Gate, Closed Loop           Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -	Package	-
Sensor TypeFlux Gate, Closed LoopCurrent - Sensing6ANumber of Channels1OutputRatiometric, VoltageSensitivity104.2mV/AFrequency300kHzLinearity±1%Accuracy±2.5%Voltage - Supply5VResponse Time0.3μsCurrent - Supply (Max)25mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Series	F01P
Current - Sensing         6A           Number of Channels         1           Output         Ratiometric, Voltage           Sensitivity         104.2mV/A           Frequency         300kHz           Linearity         ±1%           Accuracy         ±2.5%           Voltage - Supply         5V           Response Time         0.3µs           Current - Supply (Max)         25mA           Operating Temperature         -40°C ~ 105°C           Polarization         Bidirectional           Mounting Type         Through Hole           Package / Case         -	For Measuring	AC
Number of Channels  Output  Ratiometric, Voltage  Sensitivity  104.2mV/A  Frequency  300kHz  Linearity  ±1%  Accuracy  ±2.5%  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 104.2mV/A Frequency 300kHz Linearity ±1% Accuracy ±2.5% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) 25mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Current - Sensing	6A
Sensitivity Frequency 300kHz Linearity ±1% Accuracy ±2.5% Voltage - Supply 5V Response Time 0.3µs Current - Supply (Max) Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case -	Number of Channels	1
Frequency Linearity ±1% Accuracy ±2.5% Voltage - Supply Sv Response Time 0.3µs Current - Supply (Max) Operating Temperature Polarization Mounting Type Fackage / Case  300kHz  ±1%  0.3µs  5V  Response Time 0.3µs  25mA  Operating Temperature -40°C ~ 105°C  Bidirectional  Through Hole	Output	Ratiometric, Voltage
Linearity±1%Accuracy±2.5%Voltage - Supply5VResponse Time0.3μsCurrent - Supply (Max)25mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Sensitivity	104.2mV/A
Accuracy $\pm 2.5\%$ Voltage - Supply $5V$ Response Time $0.3\mu s$ Current - Supply (Max) $25mA$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$ PolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Frequency	300kHz
Voltage - Supply5VResponse Time0.3μsCurrent - Supply (Max)25mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Linearity	±1%
Response Time $0.3\mu s$ Current - Supply (Max) $25mA$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$ PolarizationBidirectionalMounting TypeThrough HolePackage / Case-	Accuracy	±2.5%
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)	25mA
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?

#### F01P006S05L 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.

## F01P006S05L Payment Methods





















## F01P006S05L Shipping Methods













If you have any question about F01P006S05L, please do not hesitate to contact us!

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