



### **AS5115F-HSSP Information**

Heisener.com

Part Number AS5115F-HSSP

Manufacturer ams

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** SSOP 16

Package -

For the pricing/inventory/lead time, please contact

us

For Reference Only

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

Request a Quote



### **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.









# **AS5115F-HSSP Specifications**

Manufacturer Part Number       AS5115F-HSSP         Manufacturer       ams         Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       Automotive, AEC-Q100         For Measuring       Angle         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 360°, Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Cosine, Sine         Actuator Type       External Magnet Not Included         Linearity       ±1%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       4.5 V ~ 5.5 V         Mounting Type       Surface Mount         Termination Style       SMD (SMT) Tab         Operating Temperature       -40°C ~ 150°C         Report errors?		
Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       Automotive, AEC-Q100         For Measuring       Angle         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 360°, Continuous         Linear Range       -         Output       Analog Voltage         Output Signal       Cosine, Sine         Actuator Type       External Magnet Not Included         Linearity       ±1%         Resistance       -         Resistance Tolerance       -         Voltage - Supply       4.5 V ~ 5.5 V         Mounting Type       Surface Mount         Termination Style       SMD (SMT) Tab         Operating Temperature       -40°C ~ 150°C	Manufacturer Part Number	AS5115F-HSSP
Package-SeriesAutomotive, AEC-Q100For MeasuringAngleTechnologyHall EffectRotation Angle - Electrical, Mechanical $0^{\circ} \sim 360^{\circ}$ , ContinuousLinear Range-OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity $\pm 1\%$ Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Manufacturer	ams
Package-SeriesAutomotive, AEC-Q100For MeasuringAngleTechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 360°, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity±1%Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C	Category	Sensors, Transducers
SeriesAutomotive, AEC-Q100For MeasuringAngleTechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 360°, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity±1%Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C		Position Sensors - Angle, Linear Position Measuring
For Measuring Technology Hall Effect Rotation Angle - Electrical, Mechanical O° ~ 360°, Continuous Linear Range - Output Analog Voltage Output Signal Cosine, Sine Actuator Type External Magnet Not Included Linearity ±1% Resistance - Resistance - Voltage - Supply 4.5 V ~ 5.5 V Mounting Type Surface Mount Termination Style Operating Temperature -40°C ~ 150°C	Package	-
TechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 360°, ContinuousLinear Range-OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity±1%Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C	Series	Automotive, AEC-Q100
Rotation Angle - Electrical, Mechanical  Linear Range  Output  Analog Voltage  Output Signal  Actuator Type  External Magnet Not Included  Linearity  Resistance  -  Resistance  7-  Resistance Tolerance  Voltage - Supply  Mounting Type  Surface Mount  Termination Style  Operating Temperature  Overage - 150°C	For Measuring	Angle
Linear Range-OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity±1%Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C	Technology	Hall Effect
OutputAnalog VoltageOutput SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity $\pm 1\%$ Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Rotation Angle - Electrical, Mechanical	$0^{\circ} \sim 360^{\circ}$ , Continuous
Output SignalCosine, SineActuator TypeExternal Magnet Not IncludedLinearity $\pm 1\%$ Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Linear Range	-
Actuator TypeExternal Magnet Not IncludedLinearity $\pm 1\%$ Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Output	Analog Voltage
Linearity $\pm 1\%$ Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Output Signal	Cosine, Sine
Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Actuator Type	External Magnet Not Included
Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Linearity	$\pm 1\%$
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting Type Surface Mount  Termination Style SMD (SMT) Tab  Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Resistance	-
Mounting Type Surface Mount  Termination Style Operating Temperature Surface Mount  SMD (SMT) Tab  -40°C ~ 150°C	Resistance Tolerance	-
Termination Style SMD (SMT) Tab  Operating Temperature -40°C ~ 150°C	Voltage - Supply	4.5 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Mounting Type	Surface Mount
	Termination Style	SMD (SMT) Tab
Report errors?	Operating Temperature	-40°C ~ 150°C
		Report errors?

#### **AS5115F-HSSP 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.

# **AS5115F-HSSP Payment Methods**



















## **AS5115F-HSSP Shipping Methods**













If you have any question about AS5115F-HSSP, please do not hesitate to contact us!

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