



AS5115-HSST Information



For Reference Only

Part Number AS5115-HSST

Manufacturer ams

Category Sensors, Transducers

Position Sensors - Angle, Linear Position Measuring

Description IC ENCODER ROTARY 16-SSOP

Package -

For the pricing/inventory/lead time, please contact

us

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



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AS5115-HSST Specifications

Manufacturer Part Number AS5115-HSST Manufacturer ams Category Sensors, Transducers 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		
CategorySensors, TransducersPackage-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 TypeSufface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C	Manufacturer Part Number	AS5115-HSST
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 Linear Range - Output Analog Voltage Output Signal Cosine, Sine Actuator Type External Magnet Not Included Linearity ±1% Resistance - Resistance - Resistance Tolerance Voltage - Supply 4.5 V ~ 5.5 V Mounting Type Surface Mount Termination Style Operating Temperature - 40°C ~ 150°C	Package	-
Technology Rotation Angle - Electrical, Mechanical O° ~ 360°, Continuous Linear Range Output Analog Voltage Output Signal Actuator Type External Magnet Not Included Linearity #1% Resistance Resistance - Resistance Tolerance Voltage - Supply 4.5 V ~ 5.5 V Mounting Type Surface Mount Termination Style Operating Temperature Hall Effect 0° ~ 360°, Continuous - Linearity Analog Voltage External Magnet Not Included 4.5 V ~ 5.5 V Surface Mount Surface Mount SMD (SMT) Tab -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- Voltage - Supply Mounting Type Surface Mount Termination Style Operating Temperature Output Signal - 0° ~ 360°, Continuous - Analog Voltage External Magnet Analog Voltage External Magnet Analog Voltage External Magnet Analog Voltage External Magnet Not Included - External Magnet Not Included -	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° ~ 360°, 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	±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?

AS5115-HSST 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.

AS5115-HSST Payment Methods



















AS5115-HSST Shipping Methods













If you have any question about AS5115-HSST, please do not hesitate to contact us!

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