

**A3212LLHLT Information**


For Reference Only

**Part Number** [A3212LLHLT](#)  
**Manufacturer** Allegro MicroSystems, LLC  
**Category** Sensors, Transducers  
[Magnetic Sensors - Switches \(Solid State\)](#)  
**Description** MAGNETIC SWITCH OMNIPOLAR SOT23W  
**Package** SOT-23W  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**A3212LLHLT Specifications**

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <a href="#">A3212LLHLT</a>  |
| Manufacturer             | Allegro MicroSystems, LLC   |
| Category                 | Sensors, Transducers<br><a href="#">Magnetic Sensors - Switches (Solid State)</a> |
| Package                  | SOT-23W   |
| Series                   | -   |
| Function                 | Omnipolar Switch  |
| Technology               | Hall Effect   |
| Polarization             | Either  |
| Sensing Range            | $\pm 6.5\text{mT}$ Trip, $\pm 1\text{mT}$ Release                                 |
| Test Condition           | $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$                                    |
| Voltage - Supply         | 2.5 V ~ 3.5 V   |
| Current - Supply (Max)   | 2mA   |
| Current - Output (Max)   | 1mA   |
| Output Type              | Open Drain  |
| Features                 | -   |
| Operating Temperature    | $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TA)                               |
| Package / Case           | SOT-23W   |
| Supplier Device Package  | SOT-23W   |

[Report errors?](#)

## A3212LLHLT 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.

## A3212LLHLT Payment Methods



## A3212LLHLT Shipping Methods



If you have any question about A3212LLHLT, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)