

# ACS723KMATR-20AB-T

## ACS723KMATR-20AB-T Information



| Part Number  | ACS723KMATR-20AB-T   |
|--------------|--|
| Manufacturer | Allegro MicroSystems, LLC  |
| Category     | Sensors, Transducers<br>Current Transducers  |
| Description  | SENSOR CURRENT HALL 20A AC/DC  |
| Package      | 16-SOIC (0.295", 7.50mm Width)   |
|              | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



Request a Quote

# For Reference Only

## **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.



# ACS723KMATR-20AB-T Specifications

| Manufacturer Part Number | ACS723KMATR-20AB-T                |                |
|--------------------------|-----------------------------------|----------------|
| Manufacturer             | Allegro MicroSystems, LLC         |                |
| Category                 | Sensors, Transducers              |                |
|                          | Current Transducers               |                |
| Package                  | 16-SOIC (0.295", 7.50mm Width)    |                |
| Series                   | -                                 |                |
| For Measuring            | AC/DC                             |                |
| Sensor Type              | Hall Effect, Open Loop            |                |
| Current - Sensing        | 20A                               |                |
| Number of Channels       | 1                                 |                |
| Output                   | Ratiometric, Voltage              |                |
| Sensitivity              | 100mV/A                           |                |
| Frequency                | DC ~ 80kHz                        |                |
| Linearity                | $\pm 1\%$                         |                |
| Accuracy                 | $\pm 2\%$                         |                |
| Voltage - Supply         | 4.5 V ~ 5.5 V                     |                |
| Response Time            | 5µs                               |                |
| Current - Supply (Max)   | 14mA                              |                |
| Operating Temperature    | $-40^{\circ}$ C ~ $125^{\circ}$ C |                |
| Polarization             | Bidirectional                     |                |
| Mounting Type            | Surface Mount                     |                |
| Package / Case           | 16-SOIC (0.295", 7.50mm Width)    |                |
|                          |                                   | Report errors? |

#### ACS723KMATR-20AB-T Guarantees



**Quality Guarantees** 

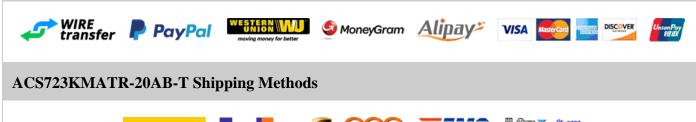
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE EUARANTEE

#### Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## ACS723KMATR-20AB-T Payment Methods





If you have any question about ACS723KMATR-20AB-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com