



Allegro MicroSystems, LLC.



Image may be representation. See specifications for product details.

ACS755KCB-150-PSF

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS755KCB-150-PSF                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                              |
| Product description | SENSOR CURRENT HALL 150A DC                                                                                             |
| Datasheets:         |  <a href="#">ACS755KCB-150-PSF.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant    |
| Stock Condition     | 5545 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of ACS755KCB-150-PSF

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS755KCB-150-PSF                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                |
| DESCRIPTION                      | SENSOR CURRENT HALL 150A DC                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                        |
| QUANTITY AVAILABLE               | 5545 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">ACS755KCB-150-PSF.pdf</a> |
| VOLTAGE - SUPPLY                 | 5V                                                                                                                        |
| SERIES                           | -                                                                                                                         |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                    |
| SENSITIVITY                      | 26mV/A                                                                                                                    |
| RESPONSE TIME                    | 10µs                                                                                                                      |
| POLARIZATION                     | Unidirectional                                                                                                            |
| PACKAGING                        | Bulk                                                                                                                      |
| PACKAGE / CASE                   | 5-CB Formed Leads, PSF                                                                                                    |
| OUTPUT                           | Ratiometric, Voltage                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                             |
| NUMBER OF CHANNELS               | 1                                                                                                                         |
| MOUNTING TYPE                    | Through Hole                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| LINEARITY                        | ±0.95%                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                        |
| FREQUENCY                        | DC ~ 35kHz                                                                                                                |
| FOR MEASURING                    | DC                                                                                                                        |
| DETAILED DESCRIPTION             | Current Sensor 150A 1 Channel Hall Effect, Open Loop Unidirectional 5-CB Formed Leads, PSF                                |
| CURRENT - SUPPLY (MAX)           | 10mA                                                                                                                      |
| CURRENT - SENSING                | 150A                                                                                                                      |
| ACCURACY                         | ±1%                                                                                                                       |

Related Tags

|                                              |                                            |                                                  |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|
| Allegro MicroSystems, LLC. ACS755KCB-150-PSF | ACS755KCB-150-PSF Distributor              | ACS755KCB-150-PSF Supplier                       |
| ACS755KCB-150-PSF Price                      | ACS755KCB-150-PSF Pictures                 | ACS755KCB-150-PSF Image                          |
| ACS755KCB-150-PSF PDF Datasheet              | ACS755KCB-150-PSF Download Datasheet       | ACS755KCB-150-PSF Datasheet                      |
| ACS755KCB-150-PSF Stock                      | Buy ACS755KCB-150-PSF                      | Buy Allegro MicroSystems, LLC. ACS755KCB-150-PSF |
| Allegro MicroSystems, LLC. ACS755KCB-150-PSF | Allegro MicroSystems, LLC. Supplier        | Allegro MicroSystems, LLC. Distributor           |
| Allegro MicroSystems, LLC. ACS755KCB-150-PSF | Allegro Microsystems Inc ACS755KCB-150-PSF | Allegro MicroSystems, LLC ACS755KCB-150-PSF      |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ACS754SCB-200-PSF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 200A AC/DC<br/>In stock: 6921 pcs<br/><b>RFQ</b></div> |  <div><b>ACS754SCB-150-PSS</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 150A AC/DC<br/>In stock: 5079 pcs<br/><b>RFQ</b></div> |
|  <div><b>ACS755LCB-050-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 50A DC<br/>In stock: 3596 pcs<br/><b>RFQ</b></div>     |  <div><b>ACS755LCB-100-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 100A DC<br/>In stock: 3731 pcs<br/><b>RFQ</b></div>    |
|  <div><b>ACS755SCB-100-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 100A DC<br/>In stock: 6907 pcs<br/><b>RFQ</b></div>    |  <div><b>ACS754SCB-130-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 130A AC/DC<br/>In stock: 4082 pcs<br/><b>RFQ</b></div> |
|  <div><b>ACS755SCB-050-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 50A DC<br/>In stock: 5412 pcs<br/><b>RFQ</b></div>     |  <div><b>ACS754SCB-150-PSF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 150A AC/DC<br/>In stock: 3541 pcs<br/><b>RFQ</b></div> |
|  <div><b>ACS754SCB-200-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 200A AC/DC<br/>In stock: 6576 pcs<br/><b>RFQ</b></div> |  <div><b>ACS754SCB-130-PSF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 130A AC/DC<br/>In stock: 6678 pcs<br/><b>RFQ</b></div> |
|  <div><b>ACS755LCB-130-PFF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 130A DC<br/>In stock: 3990 pcs<br/><b>RFQ</b></div>    |  <div><b>ACS755LCB-130-PSF</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 130A DC<br/>In stock: 4392 pcs<br/><b>RFQ</b></div>    |