

**LF 2005-S**



**Part Number:** [LF 2005-S](#)  
**Manufacturer:** [LEM USA, Inc.](#)  
**Description:** SENSOR CURRENT HALL 2000A AC/DC  
**Data sheet:** [LF 2005-S](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
**Buy LF 2005-S with confidence from Components-Store.com, 1 Year Warranty**

[Request For Quotation](#)

**PRODUCT PARAMETER**

<b>Part Number</b>	<a href="#">LF 2005-S</a>
<b>Manufacturer</b>	<a href="#">LEM USA, Inc.</a>
<b>Description</b>	SENSOR CURRENT HALL 2000A AC/DC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	331 pcs
<b>Product Photo</b>	<a href="#">LF 2005-S.jpg</a>
<b>Category</b>	<a href="#">Sensors, Transducers</a>
<b>Voltage - Supply</b>	±15 V ~ 24 V
<b>Series</b>	LF
<b>Sensor Type</b>	Hall Effect, Closed Loop
<b>Sensitivity</b>	-
<b>Response Time</b>	1µs
<b>Polarization</b>	Bidirectional
<b>Packaging</b>	Bulk
<b>Package / Case</b>	Module
<b>Output</b>	Ratiometric, Current
<b>Other Names</b>	398-1117 90.14.69.000.0 LF 2005-S-ND LF2005S Q5774684
<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of Channels</b>	1
<b>Mounting Type</b>	Chassis Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Linearity</b>	±0.1%
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Frequency</b>	DC ~ 100kHz
<b>For Measuring</b>	AC/DC
<b>Detailed Description</b>	Current Sensor 2000A 1 Channel Hall Effect, Closed Loop Bidirectional Module
<b>Current - Supply (Max)</b>	433mA
<b>Current - Sensing</b>	2000A
<b>Accuracy</b>	±0.3%

Components-Store.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all LEM USA, Inc. series electronic components. We have 331 pieces of LEM USA, Inc. LF 2005-S in stock available now. Request a quote from electronics components distributor at Components-Store.com, our sales team will contact you within 24 hours.  
 RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

**RELATED PRODUCTS**

	<b>Part#:</b> <a href="#">F02P025S05L</a> <b>Description:</b> SENSOR	<b>Manufacturers:</b> <a href="#">Tamura</a> <b>In Stock:</b> 9258	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 305-S</a> <b>Description:</b> SENSOR CURRENT HALL 300A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 846	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 1010-S</a> <b>Description:</b> C/L, ASIC 1000A PANEL MOUNT	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1008	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 1005-S/SP21</a> <b>Description:</b> SENSOR CURRENT HALL 1000A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 326	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 210-S</a> <b>Description:</b> CUR TRANSDUCER CLO LOOP 200A	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 2585	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 306-S</a> <b>Description:</b> SENSOR CURRENT HALL 300A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 720	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HAL 400-S</a> <b>Description:</b> SENSOR CURRENT HALL 400A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1640	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 1005-S</a> <b>Description:</b> SENSOR CURRENT HALL 1000A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 429	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">ACS722KMATR-20AB-T</a> <b>Description:</b> SENSOR CURRENT HALL 20A AC/DC	<b>Manufacturers:</b> <a href="#">Allegro MicroSystems, LLC.</a> <b>In Stock:</b> 34120	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 310-S</a> <b>Description:</b> C/L, ASIC 300A PANEL MOUNT	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1517	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 2010-S</a> <b>Description:</b> C/L, ASIC 2000A PANEL MOUNT	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 518	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 510-S</a> <b>Description:</b> C/L, ASIC 500A PANEL MOUNT	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 1551	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CSLT6B100</a> <b>Description:</b> SENSOR CURRENT HALL 100A AC/DC	<b>Manufacturers:</b> <a href="#">Honeywell Sensing and Productivity Solutions</a> <b>In Stock:</b> 10548	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">L37S300D15M</a> <b>Description:</b> SENSOR	<b>Manufacturers:</b> <a href="#">Tamura</a> <b>In Stock:</b> 7106	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CR4260-20</a> <b>Description:</b> SENSOR CURRENT XFMR 20A AC	<b>Manufacturers:</b> <a href="#">CR Magnetics, Inc.</a> <b>In Stock:</b> 832	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 505-S</a> <b>Description:</b> SENSOR CURRENT HALL 500A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 784	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LF 205-S</a> <b>Description:</b> SENSOR CURRENT HALL 200A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA Inc.</a> <b>In Stock:</b> 1319	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">CQ2332</a> <b>Description:</b> SENSOR CURRENT HALL 50A AC/DC	<b>Manufacturers:</b> <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> <b>In Stock:</b> 28205	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">GHS 10-SME</a> <b>Description:</b> INTEGRATED PRIMARY 10A O/L	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 33169	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">HO 60-NP</a> <b>Description:</b> SENSOR CURRENT HALL 60A AC/DC	<b>Manufacturers:</b> <a href="#">LEM USA, Inc.</a> <b>In Stock:</b> 12148	<a href="#">RFQ</a>

**Related keywords for LF 2005-S**

<a href="#">LEM USA, Inc. LF 2005-S</a>	<a href="#">LF 2005-S distributor</a>	<a href="#">LF 2005-S supplier</a>	<a href="#">LF 2005-S price</a>
<a href="#">LF 2005-S download datasheet</a>	<a href="#">LF 2005-S datasheet</a>	<a href="#">LF 2005-S stock</a>	<a href="#">buy LF 2005-S</a>

