DATEL Innovation & Excellence

DATEL | 120 Forbes Blvd., Suite 125 Mansfield, MA 02048 | Phone: +1-508-964-5131 | www.datel.com



Part Number LVR-7815LE, LDO Linear Voltage Regulator

The **LVR-7815LE** is a +15 Volts Linear Voltage Regulator. It is a low cost Enhanced Commercial of the Shelf (COTS) product and is offered in a Hermetically sealed ceramic LCC package. It is a Non-RoHS product and is guaranteed over the temperature range of -40 to +100°C. All protective features are designed into the circuit, including thermal shutdown, current limiting, and safe-area control.

The Hermetic package of the **LVR-7815LE** protects the IC from the effects of moisture and outgasing of plastic mold compound, hence making the reference more stable in environments where humidity is a concern. Also, the Non-RoHS versions illiminate any concern over tin-whisker and can be ordered with leaded option. This grade is the best choice for Ruggedized, Military, Avionics, Aerospace and Medical applications that does not require full MIL-Standard 883 products.

Specifications

Output Voltage	15 V
Initial Accuracy	1 %
Maximum Supply Voltage	35 V
Dropout Voltage	2.5 V
Operating Temp. Range (min)	-40 ºC
Operating Temp. Range (max)	+100 ºC
Package Type	Ceramic CLCC
RoHS	No

© DATEL is a registered trademark of DATEL, Inc.