DATEL Innovation & Excellence

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Part Number LVR-7815LE-C, LDO Linear Voltage Regulator

The **LVR-7815LE-C** 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 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-C** 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. 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	Yes

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