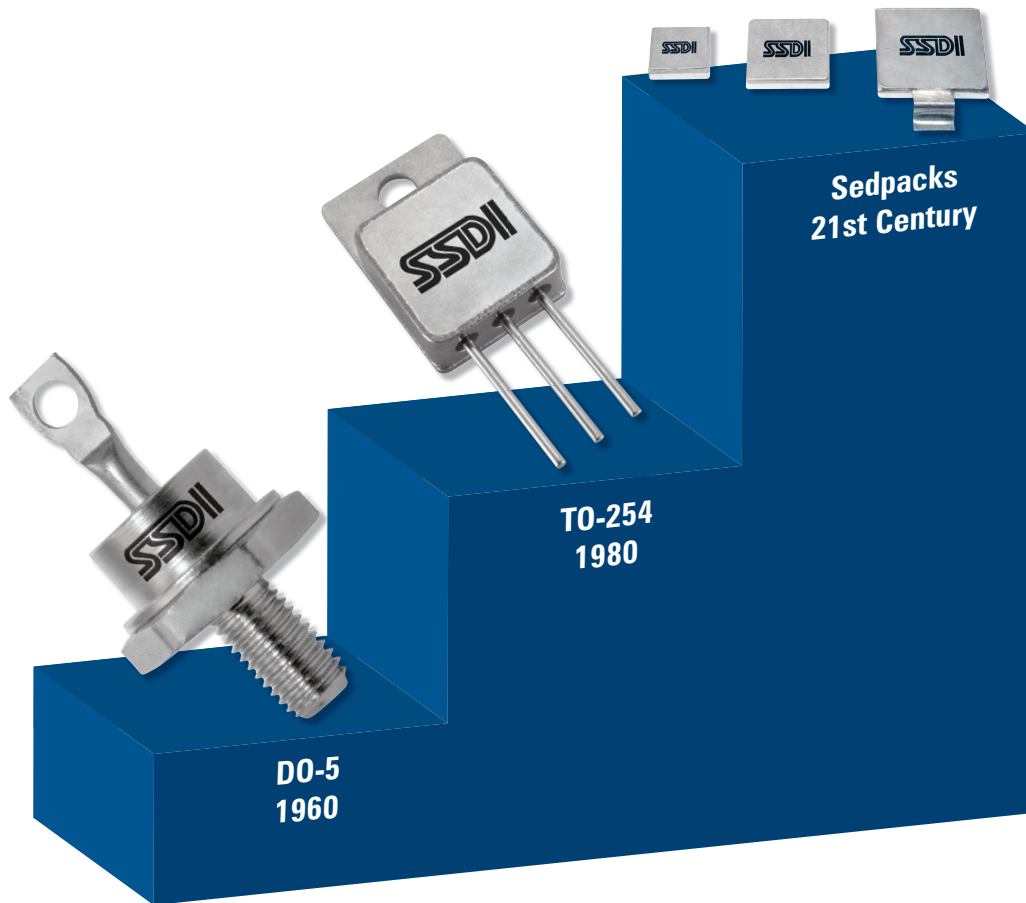


Take the next step in hermetic packaging.



Sedpack™

Solid State Devices, Inc.'s revolutionary Sedpack design offers a low cost, high efficiency hermetic package with many advantages over DO-5 and TO-254 packages. Sedpacks exhibit exceptional electrical performance and low thermal resistance in a much smaller package. The smaller mounting area ($\leq 0.220 \text{ in}^2$), low weight ($\leq 1.3 \text{ g}$), low package-to-die ratio ($\sim 1.4:1$), and low profile ($\leq 0.095''$) compared to DO-5 and TO-254 packages make it ideal for aerospace applications or as building blocks for application specific power modules.

SED20HB100 Series

20 Amps, 100 Volts, .225" x .225"
Schottky Rectifier - Sedpack 1

SED75KB45 Series

75 Amps, 45 Volts, .315" x .315"
Schottky Rectifier - Sedpack 2

SED150LB30 Series

150 Amps, 30 Volts, .410" x .410"
Schottky Rectifier - Sedpack 3

Features:

- Low reverse leakage
- Low forward voltage drop
- Hermetically sealed power surface mount package
- Guard ring for overvoltage protection
- Eutectic die attach
- 175°C operating temperature
- TX, TXV, and Space level screening available
- Screening based on MIL-PRF-19500
- Screening flows available on request
- For similar products with different ratings contact factory