

## For Immediate Release

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Photo available at: [http://www.stratedge.com/G2420\\_Group.jpg](http://www.stratedge.com/G2420_Group.jpg)

### **StratEdge Introduces Low Cost Hermetic Semiconductor Packages for Switch Applications**

*Small package has 7 leads*

San Diego, Calif. – July 28, 2006 – StratEdge, leader in the design and production of semiconductor packages for microwave, millimeter wave, and high speed digital devices, introduces the G2420M-1 discrete semiconductor hermetic package for broadband applications. The package has seven leads (four on one side, one each on three sides) perfect for single pole, double throw switch applications. They can be mounted on the board in drop-in or surface mount configurations.

StratEdge's G2420M-1 is a glass/ceramic walled package with a 0.205 x 0.245 inch (5.21mm x 6.22mm) body and a cavity of 0.105 x 0.145 inch (2.67 x 3.68mm). It comes with an ASTM F-15 alloy base for up to 0.5 Watt devices and it can be supplied with a copper composite insert or base for higher power devices. The package is constructed using a glass-to-metal seal process, resulting in a rugged and reliable package. The MIL-STD-883 hermetic seal provides enhanced reliability for the semiconductor device and offers protection from the environment.

StratEdge provides assembly services to package semiconductor devices. The assembly

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process includes eutectic or epoxy die attach and passive component attach with automatic wire bonding. Further assembly services include lidding, lead trimming, labeling, and bulk packaging. An HP 8510C network analyzer is available for small signal electrical testing.

The packages are lead-free and meet Requirement on Hazardous Substances (RoHS) and Waste Electrical and Electronic Equipment (WEEE) compliance. Typical pricing is \$5.24 for quantities of 10,000. ASTM F-15 alloy lids with AuSn preforms can also be provided. Lead time is stock to eight weeks. For more information contact Casey Krawiec at 858-569-5000, ext. 103 or email [C.Krawiec@StratEdge.com](mailto:C.Krawiec@StratEdge.com).

### **About StratEdge**

StratEdge, founded in 1992, designs, manufactures, and provides test and assembly services for a complete line of high performance semiconductor packages operating from DC to 50+ GHz for the high speed digital (OC-48, OC-192, OC-768), mixed signal, broadband wireless, satellite, point-to-point/multipoint, VSAT, and test and measurement industries, as well as aerospace stripline filters. StratEdge offers ceramic, low cost hermetic SMT, and metal packages. All packages are lead-free and meet RoHS and WEEE standards.

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