



ADVANCED RETICLE SMIF POD

Simplified construction offers greater protection

Overview

Entegris now offers an advanced, next generation 150 mm reticle SMIF pod that is fully compatible with all Single Reticle Pod (SRP) applications, including those applications with pods designed for specific needs. The new pod addresses the requirement for improved reticle safety and protection against harmful contaminants.

The reticle pod was designed from the ground up to positively impact fab productivity and reduce costs. The pod achieves this by offering many advantages in a simple, yet reliable design.

Features

- Complete compatibility and interoperability with all SRP applications – no changes to existing tool setups are needed
- Advanced reticle retainer system (patent pending) provides reduced particle generation, ESD path to ground
- Simplified snap fit construction improves reliability
- No metal components means no reticle scratching, no metal contamination, less maintenance
- ESD safe perimeter door seal reduces field-induced charge potential while providing a sealed environment
- Through-hole filtering eliminates internal vacuum potential and provides a clean path for pressure equalization
- Designed to be cleaned and dried in automated tools, reducing operator involvement



Specifications

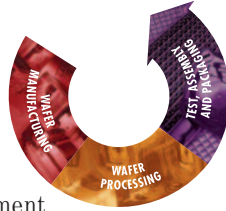
- RSP150 repositions reticle to within ± 1 mm of its original position
- Meets SEMI E111 standard
- Qualified on major stepper platforms
- $.1\mu$ filter media rated at 98 percent efficiency
- Fire retardant models available

Ordering Information

Contact your Regional Customer Service Center listed on the back of this flyer for ordering.

Silicon Delivery® Systems and Services

To optimize wafer and device handling in your facilities, Entegris offers Silicon Delivery® Systems and Services – our unique materials integrity management solution to cost-effectively manage silicon from production to consumption.



Wafer Handling Systems

- Raw wafer processing and shipping
- Wafer processing
- Finished wafer shipping and handling
- Related product handling
- Handling product cleaning systems

Device Handling Systems

- Finished wafer shipping and handling
- Bare die shipping and handling
- Packaged device shipping and handling
- Handling product cleaning systems

WaferCare® and DeviceCareSM Services

- Certified reuse and recycle
- Product cleaning
- Logistics management
- On-site and off-site programs
- Cleaning systems

Terms and Conditions of Sale

WARRANTY – Entegris warrants each new product against defects in materials and workmanship for the following periods of time from shipment: Microelectronic products, Custom products – 90 days; Entegris® Cleaning Systems and AutoPod® Wafer Carriers – 1 year; Fluid Handling products (except as separately identified below) including FluoroPure® Chemical Container products – 1 year; Sheetlined Chemical Container products and FluoroPure® PFA Liners (blistering, cracking or leakage only) – 18 months; FluoroPure® o-rings and gasket materials – 90 days. Entegris makes no warranty, express or implied, with respect to any components, products or services provided by any third party. With respect to products specially manufactured to Buyer's specifications, Entegris warrants only that such products have been manufactured, without testing, to Buyer's specifications but makes no other warranty, express or implied. Upon Entegris' confirmation of defects, Entegris agrees, as its **exclusive remedy** to repair or, in its discretion, replace defective product without charge. Entegris is not responsible for product damage resulting from accident, misuse, or lack of reasonable care. **IMPORTANT: No other warranty, written or verbal, is authorized by Entegris. Entegris is not liable for any special, incidental or consequential damages. Implied warranties of merchantability and fitness for a particular purpose are specifically disclaimed.**

For More Information

To find out more about what Entegris can do for you, please call one of our Regional Customer Service Centers today.

Entegris Regional Customer Service Centers

	Telephone	Fax
North America	952-556-4181	952-556-8022
North America Toll Free	800-394-4083	800-763-5820
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Visit Entegris' Web site at www.wafercare.com

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The materials integrity management company

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