

ECRIM

East China Research Institute of Microelectronics

Hermetic Sealed Microelectronic Packages – Represented by Blue Oceans LLC

ECRIM Overview

- ECRIM was founded in March, 1968
- Has total equity of approximately US\$60M
- Certifications: ISO9001:2000, ISO14000:2004 and ISO28001
- Employs over 1000 employees – 11 Professors, 78 Senior Engineers and 225 Engineers
- Products include Hybrid IC Modules, Microelectronic Packages, Thick/Thin Films, LTCC/ALN and Industrial Furnaces.

ECRIM Microelectronic Package Department

- Founded in March, 1988
- Has total equity about US\$6M
- Plant floor space is approximately 5000m²
- 175 employees
- Total sales was US\$9.5M in 2009
- Certifications: ISO9001:2000, ISO14000:2004 and ISO28001



Microelectronic Package Department - Global Major Customers

➤ North America

- JDSU
- Lightwave
- Laser Diode Inc.
- Oclaro
- Modular Device Inc.
- Ahura Scientific
- Finisar (Qualifying)

➤ Asia

- Nanopack
- Fabrinet
- Denselight
- Shan-Han Tech
- Sanmina

➤ Europe

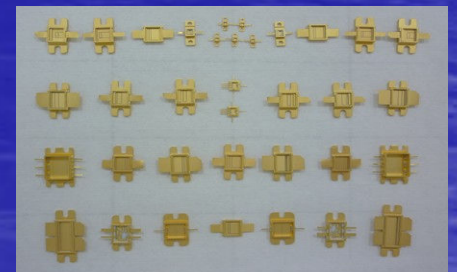
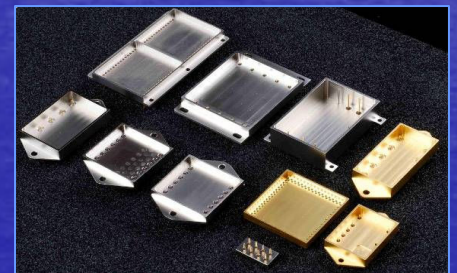
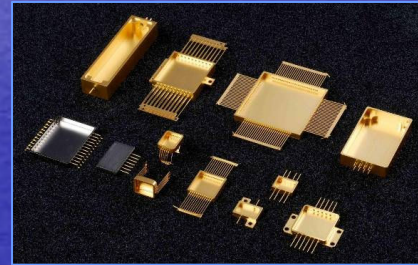
- C-MAC
- Oclaro
- Fabrinet
- Proton
- Hi-Rel
- H. Bentz. Electronics



JDSU 2008 Top Recognition -
"Technology and Quality"
award winner among more
than 300 global suppliers

ECRIM Package Products Cover Broad Range of Applications

- Hybrid Integrated Circuit Applications
- Fiber Optical Applications
- Power Applications
- Microwave and RF Applications
- Automotive Applications
- Sensor Applications
- Aerospace Applications



High Quality Manufacturer In China



➤ Meets all international standards in package manufacturing

- Visual Inspection: JEDEC 9 – A
- Design, Performance & Reliability: MIL – PRF – 38534
- Gold Plating Quality: MIL – G – 45204
- Nickel Plating Quality: QQ – N – 290

➤ Key Process Control

- Regular evaluation of sealing quality
- Regular evaluation of plating quality
- Regular analysis and maintenance for plating solutions



➤ High rate of FTQ

- ECRIM keeps Lot pass rate at 100%
- Delivery on time rate at 98.75%



Blue Oceans LLC - Exclusive Sales Representative for ECRIM (aka 43 Institute) Microelectronic Packages in North American

- Blue Oceans LLC is organized in The United States to represent the highest quality Chinese manufactured products in the North America market
- Highly focused on Hybrid Microelectronic and Fiber Optic Hermetic Sealed Packages
- Strong and long term relationship with Chinese manufacturer – Strong support from manufacturer's leadership team and middle level Management
- Blue Oceans LLC can negotiate very competitive price from manufacturer for North America customers
- Blue Oceans LLC is an enabler to reduce structure cost for North America customers
- Maintain on time delivery and improve lead time



Thank You for Your Business!

You welcome to visit our manufacturer in China