



Senior Mechanical Engineer

Finisar Australia / Coherent is an innovative global company that designs and manufactures high-technology communication products for optical fibre telecommunication networks. We are the largest supplier of optical communication components and subsystems in the world.

Here at Finisar Australia, we have created a philosophy that thrives on well-supported R&D, continuous improvement, teamwork and partnerships within and beyond the organisation. We set high expectations and exceed them.

Finisar Australia is seeking a talented Mechanical Engineer to join our team in Sydney.

The R&D Mechanical Engineering team plays a key part in the development of our world-leading wavelength-selective switch (WSS) and related optical products. We work in a dynamic environment and with a high level of cooperation with other engineers and scientists in the wider R&D group.

As an R&D team member you will be involved in the development of our exciting new products from proof of concept phase through to mass production.

Key Responsibilities

- Research and develop new and innovative solutions for packaging of optical and microelectronic components and products. Enhance and improve existing products and parts.
- Use of CAD software to create models and drawings of products, parts and assemblies.
- Construct prototypes, verify designs, review supplier DFM, release documentation for purchasing team
- Release of documentation for purchasing team, inspect and verify supplier first article part deliveries
- Liaise with electronics development, process development and supplier development teams to ensure part design and implementation meet all requirements
- Liaise with marketing and reliability teams to ensure customer requirements are met
- From time to time may supervise subordinate engineering personnel engaged in design and development work.

Essential Skills

- Degree in Mechanical Engineering
- Greater than 3 years experience as a Mechanical Engineer in an R&D or manufacturing environment

- Strong teamwork skills
- Strong creative thinking and analytical skills
- Strong written and communication skills
- Detailed knowledge of and experience with using Solidworks CAD and PDM
- Knowledge of GD&T and Technical drawing standards
- Attention to detail
- Ability to plan, schedule coordinate and problem solve effectively

Desirable Skills

- Experience in thermal and structural analysis using FEA and/or CFD simulation
- Experience with tooling and workshop practices and precision machining of metal parts
- Experience with design of parts for die-casting and injection molding
- Experience with component inspection and use of CMM
- Basic knowledge of Fibre Optic Communications and Components
- Basic knowledge of Electronics and PCBA design

If this sounds like you and you are looking to work for an industry leader with a down-to-earth yet professional environment, then this is the job for you! To apply, please send you resume to careers@finisar.com

We offer a competitive salary. Finisar Australia is a fully owned subsidiary of Coherent, a listed US company trading on NYSE under the symbol COHR.

The right to work in Australia is essential.

Finisar Australia / Coherent is an equal opportunity employer.