

Winchester Electronics

Fiber Optic Design Engineer

Description:

This position is responsible for the development of custom optical fiber products, including conventional ferrule based fiber connectors and free space optical components. Industry standard product development and engineering design principles are used including simulation, analysis and phased development milestones.

Responsibilities

- Product design from concept through production
- Development of optical assembly and alignment processes and tooling
- Documentation release, and maintenance including revision control and data management
- Coordination of projects with other facilities
- Managing a program through a New Product Development process
- Interface with customers, sales and tech support and outside engineering groups for product support
- Engineering Change Notice procedures

Requirements

- BSME or equivalent with five or more years engineering experience in the design and manufacturing of optical or opto-mechanical products
- Bachelor of Science in Mechanical Engineering or equivalent
- Strong experience with 3D CAD software and precision mechanical design required. Solidworks preferred
- Experience with simulation software especially Optical simulation software desirable
- Solid understanding of free space optics and exposure to fiber optics
- Demonstrated experience and understanding of machining, molding and other production processes
- Project management experience preferred
- Connector industry experience highly desirable
- MRP system knowledge desirable
- Good problem solving skills

Reporting to:

Director of Fiber Optic Technology