

Your Interconnect Solutions Expert

Mechanical Design Engineer – Project Engineer

Amphenol Sine Systems Corporation

Job Type: Full-time

Position Requirements

- Work directly with sales, management, and customers on new product opportunities.
- Analyze customer design proposals, specifications, and requirements to evaluate the feasibility, costs, and manufacturability. Propose alternative ideas and concepts if applicable.
- Develop conceptual drawings, illustrations, and presentations as required to support sales.
- Review if the design and related components can meet all of the necessary performance specifications while being cost effective.
- Develop final product/component design drawings for quotations. Work with sourcing and suppliers to resolve any design related concerns or issues.
- Assist sales, sourcing, and purchasing on customer quotations to build the business case.
- Build customer and standard product drawings.
- Initiate and manage approved related engineering projects through final production release. Write test and validation plans.
- Instruct and oversee technicians in the first article build process
- Participate in the final validation and approval process.
- Complete all related documentation for production release.
- Product-line maintenance as required to support on-going customer requirements and quality.

Desired Skills & Experience

- College degree in engineering or proven experience.
- Minimum 5 years' experience in a manufacturing environment.
- Knowledge of injection molding, stamping, casting, and other standard manufacturing process.
- Proficient in 2D and 3D software. Solidworks experience is desirable.
- Ability to travel if required. (Average trip duration of 1-3 days)
- Desire to work in a hands-on, fast paced environment with the opportunity to make a positive impact on the business.
- Knowledge of electrical connectors, cable assemblies, and electrical theory is a plus, however not a requirement.

Amphenol

Amphenol (www.amphenol.com) is one of the world's largest providers of high-technology interconnect, sensor, and antenna solutions. Our products Enable the Electronics Revolution across virtually every end-market including Automotive, Broadband Communications, Commercial Aerospace, Industrial, Information Technology and Data Communications, Military, Mobile Devices and Mobile Networks. Amphenol's 2021 revenues were \$10.9 billion with over 90,000 employees.



Amphenol Sine Systems

Amphenol Sine Systems (www.amphenol-sine.com) was founded in 1967 and is a subsidiary of the Amphenol Corporation and is a leader in Industrial interconnect products. The company designs, manufactures and supplies high-performance interconnect systems for a broad range of Industrial applications including factory automation, motion control, heavy equipment, alternative energy, rail mass transportation and advanced technology solutions for hybrid-electric vehicles. The company's headquarters are located Clinton Township, Michigan with global manufacturing, engineering, sales, and service operations.

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