

EM4 Inc.

Engineering Assistant

Job Description

- Under the direction of Design and Development Engineers build and test prototype and preproduction parts
- Assist Engineering to create, develop, modify and implement joining processes including soldering, welding, epoxy fixing, glass sealing and fixing
- Assist Engineering to develop and implement processes relating to fibers, fiber pigtail assemblies and connector/receptacle assemblies
- Perform wire bond, ribbon bond processes
- Perform hermetic sealing and testing processes
- Assist with necessary testing and qualification of parts. Testing will include optical, electrical and RF parameters.
- Assist with documenting designs, processes and procedures
- Assist Engineers with transferring to and training Production staff

Skills Required

- Excellent knowledge of hybrid microelectronic assembly equipment
- Excellent hands-on assembly and test skills
- Ability to work with limited guidance independently
- Extensive experience with hybrid microelectronic assembly processes
- Prior experience with fiber optic and/or optoelectronic devices
- Good working knowledge of electronic and RF test instrumentation strongly desired.

Education and Experience

- >3years relevant work experience
- At least ASEE or equivalent

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