

COMPANY OVERVIEW

Locally Owned with over 60 years' experience in design and manufacturing including 25+ years in Defence. This continuity of operation brings a high level of design expertise. Our highly integrated engineering and manufacturing teams ensure turnkey solutions that seamlessly transition from prototype to production.

CAPABILITIES

THICK FILM HYBRID TECHNOLOGY

- Superior reliability in harsh environment
- Key advantages - chemical resistance, high thermal conductivity, low temperature expansion
- Intellectual Property protection

IN-HOUSE ENGINEERING DESIGN

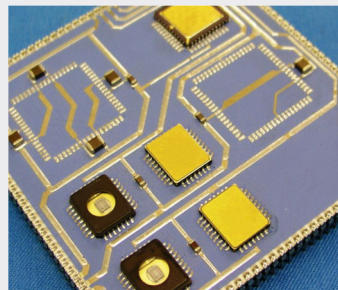
- Electronic design and Firmware capabilities to suit either thick film ceramic or printed circuit board assemblies.
- Wide range of application experience especially in connected and low power devices

SCALABLE MANUFACTURING

- Build-to-print manufacturing, designed-to-specification services
- Prototype to low/high volume manufacturing capabilities (SMT and through-hole assemblies)
- Dedicated leaded and lead-free production lines
- Custom cable assemblies
- Conformal coating/ epoxy coating capabilities
- Conformance to IECEx manufacturing, DEF STAN and MIL STAN
- Industry 4.0 manufacturing allowing traceability

PRODUCT TEST, QUALIFICATION & FAILURE ANALYSIS

- On-site environmental test facilities to satisfy Accelerated Life Testing and burn-in requirements.
- Rapid and extensible test systems in-house with the ability to provide standard and develop novel tests
- In-house design and development of testers



COMPETITIVE DISCRIMINATORS

- Only facility in Australia to provide thick film hybrid design and production.
- Analogue semiconductor design and test capability.
- Agile and flexible team - used to working alongside customers to define/refine specifications and designs.
- Diversified experience across multiple industries and technologies allowing for cross-segment innovation.
- Well established and secure quality management and document control practices.
- Always delivery focused - on time and on budget.

CERTIFICATION & ACCREDITATION

- ISO-9001:2015 Certified
- ISO-14001 Certified
- ISO-45001 (In progress)
- DISP membership (In progress)
- Member of Defence Teaming Center (DTC)
- Qualified operators trained to various Class 3 of IPC standards
- Member of Industry Capability Network (ICN)



KEY CUSTOMERS

PMB Defence Pty Ltd (Collins Class)

SAAB Australia (Collins Class)

NXP Semiconductors (Semiconductors)

ResMed Limited (Medical)

Adaptas Solutions (Scientific / Medical)



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