

CAPABILITIES OVERVIEW

25+
YEARS IN
DEFENCE

**Thick Film
Ceramic
Assembly**

**Prototype/
Production
Circuit Card
Assemblies**

**In-house
manufactured
bare PCB**

**Automatic
Selective
Conformal
Coating**

**Custom Cable
& Box-Build
Assemblies**

THICK FILM CERAMIC ASSEMBLY

- High Reliability, Durability and Rugged electronic assembly for Land, Sea and Air
- Reduce electronic footprint, size and weight
- Intellectual Property (IP) Protection

IN-HOUSE ENGINEERING DESIGN

- Electronic design and Firmware capabilities
- Customer co-design or full turnkey development

PRODUCT TEST AND QUALIFICATION

- On-site environmental test facility to support Qualification/ Burn In requirements
- In-house process and test engineering for development of functional test

PROTOTYPE/PRODUCTION MANUFACTURING

- In-house manufactured prototype bare PCB
- Build to Print Circuit Card Assemblies with:
 - Leaded/ Lead Free Surface Mount/ Through Hole Assembly
 - Automatic Optical Inspection
 - Automatic Selective Conformal Coating/ Potting
 - Flying Probe Tester
 - X-Ray and Rework Station
- Custom Cable Assemblies
- Sub-assemblies and Box-build specialist
- Conformance to IECEx manufacturing

COMPETITIVE DISCRIMINATORS

- Australia's only Thick Film Ceramic design and manufacturing facility
- Sovereign capabilities all vertically integrated on a single site in South Australia
- Agile and flexible with accelerated in-house engineering development and prototyping service
- Diverse experience across multiple industries and technologies allowing cross-segment innovation
- Always customer and delivery focused



PROUDLY SUPPORTING

PMB Defence Pty Ltd (Collins Class)

SAAB Australia (Collins Class)

NXP Semiconductors (Semiconductors)

ResMed Limited (Medical)

Adaptas Solutions (Scientific / Medical)



CERTIFICATION & ACCREDITATIONS

- ✓ ISO-9001:2015 Certified
- ✓ ISO-14001 Certified
- ✓ ISO-13485 Certified
- ✓ ISO-45001 (Pending)
- ✓ DISP membership (Pending)
- ✓ Member of Defence Teaming Center (DTC)
- ✓ Qualified operators trained to various Class 3 of IPC standards
- ✓ Member of Industry Capability Network (ICN)



LET'S DISCUSS YOUR CUSTOM SOLUTIONS



Brenton Judge
Executive General Manager

Phone:
+61 448 797 738

Email:
brenton.judge@hendonsemiconductors.com



Angelynn Lim
Customer Service Manager

Phone:
+61 (08) 8401 9823

Email:
angelynn.lim@hendonsemiconductors.com

hendonsemiconductors.com.au