CONTACTOR APPLICATIONS

GIGAVAC EPIC® Technology (Patent Pending)

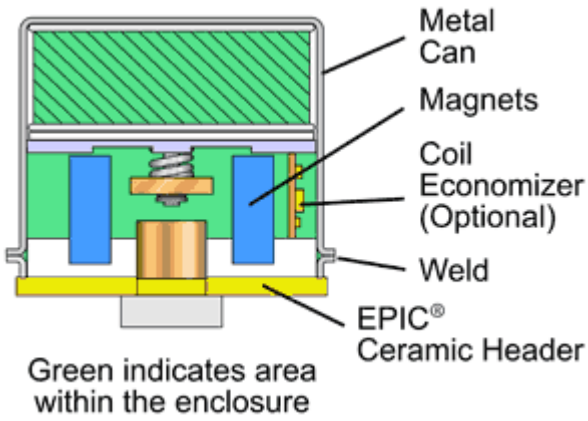
The GIGAVAC Extended Performance Impervious Ceramic (EPIC®) sealing technology is a major break through in low-cost, high quality sealing of relays and contactors. Prior to this new technology, sealed relays & contactors used all ceramic envelopes which are very expensive, glass to metal seals which do not provide true seals over long periods of time, or epoxy and plastic seals that do not provide the high temperature ratings or the micro-sealing needed to use higher performance back fill gasses.

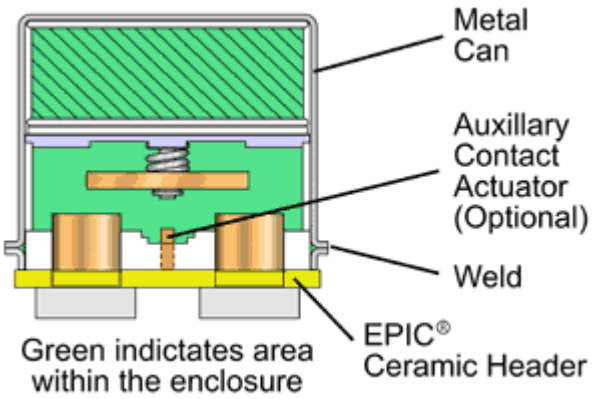
Because GIGAVAC EPIC® technology, Esterline's Leach International (one of the worlds largest aerospace electrical power distribution system integrators and manufacture of relays & contactors) teamed with GIGAVAC to develop the **next generation 270Vdc contactors for aircraft**.

A Tech Report written by Avionics Magazine was published that does a good job explaining the benefits of EPIC® sealing technology, and why the aerospace industry has gone to 270Vdc high voltage systems. It's interesting that many industrial applications today such as solar power, fuel cells, micro-turbines, hybrid and electric vehicles, and other applications have gone to HVDC systems for the same reasons.

Today, when you buy a GIGAVAC **GX11**, **GX12**, **GX14** or **GX200 EPIC® sealed contactor**, you get superior proven technology, priced for industrial applications, equal to or less than the cost of open-air or lesser quality epoxy and plastic semi-sealed contactors. When you want a hassle free sealed contactor that works in almost any environment, even under water, contact GIGAVAC, today's expert in advanced sealed relays and contactor designs.

Learn more about the benefits of **GIGAVAC EPIC® Sealing Technology** in Avionics Magazine Tech Report.





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