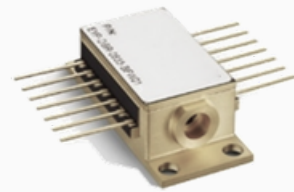


GTMS LEAD FRAMES

for Hermetic Packages

SURON produces custom GTMS (Glass-to-Metal-Sealing) lead frames in a variety of sizes and shapes, according to our customers' requirements, by in-house photochemical etching, followed by CNC bending, if required.



2024

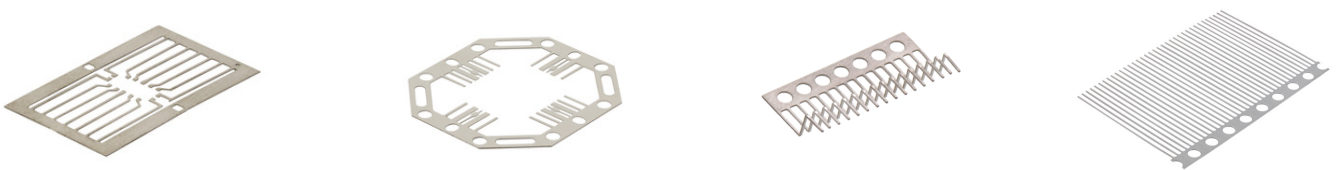


SURON
Precision Solutions

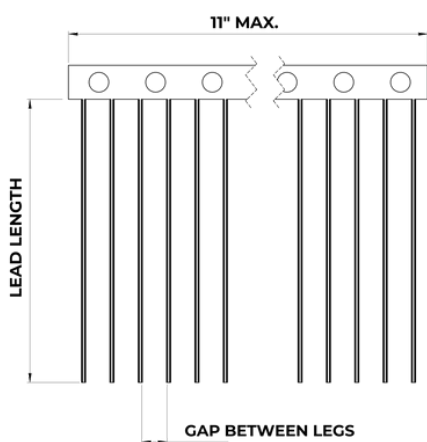
GTMS LEAD FRAMES

for Hermetic Packages

SURON's in-house technologies allow us to provide rapid prototyping, scalable manufacturing, and burr-free lead frames

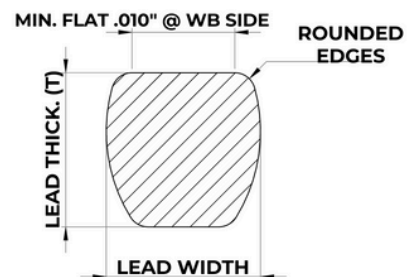


SURON's lead frames (LF) ensure long term reliability, with an optimal combination of lead geometrical properties for both wire-bonding (WB) and GTMS processes, and results.



Properties - SURON GTMS Lead Frames

Material	Kovar or Alloy 42
Typical thickness range	0.25-0.38 mm [.010" -.015"]
Max. lead length	50 mm [2.0"]
Min. gap between leads	Equal to lead thickness



SURON's Manufacturing Advantages

PCM Technology	Free from burrs and residual stress Half etched areas, upon request Rounded X-section, upon request
CNC Bending	Accurate angle and position
Electroplating	Au, Ni, Tin, Pd (Selective areas are possible)

SURON's photo-etching technology allows for cost effective tooling, and short setup times, and provides lead frames with burr-free edges and no residual stress.

If required, SURON also offers in-house solutions for edge-rounding and precision bending, as well as plating.

