Glass-to-Metal Seals (GTMS)

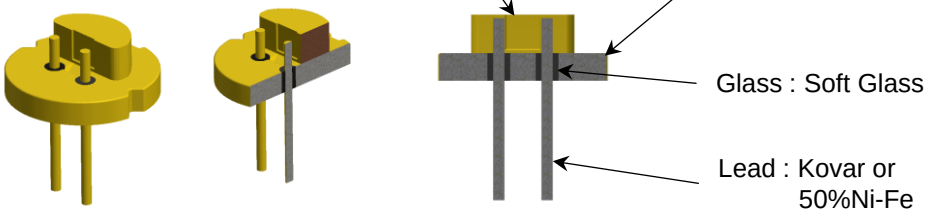
Feature

Made from metal and glass, SHINKO's GTMS products are characterized by high hermeticity and superior electrical characteristics and used widely in products requiring high reliability, such as semiconductor laser and automotive devices**.** SHINKO provides optimal material compositions, sealing methods, and structure depending on the design and application.

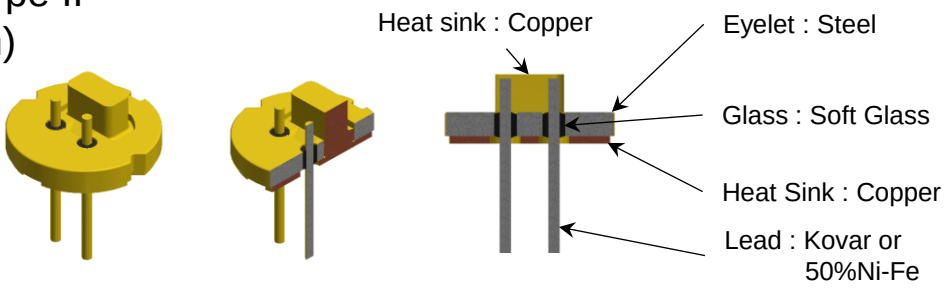
- Hermeticity : 1 x 10^{-9} Pa·m^3/sec and lower
- High electrical insulation : 1 x 10^{11} Ω or higher
- Integrated manufacturing processes
  (Internal mold design, stamping for eyelet,
  and formation of GTMS design to surface finish)

Structure

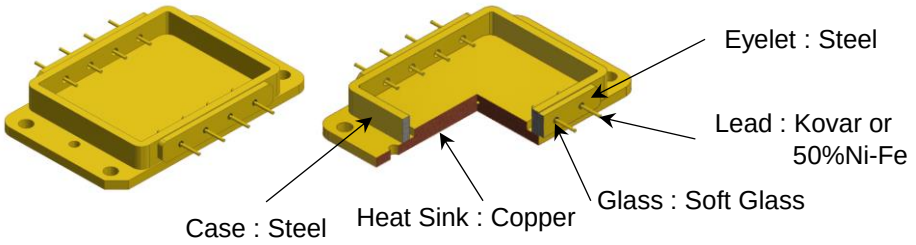
■ Copper Heat Sink Type I



■ Copper Heat Sink Type II (High heat dissipation)



■ Box Type



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https://www.shinko.co.jp/english/product/inquiry/form/index.php

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