

AIMAUTO



Solder plus Support

Proven Automotive Solder

DESIGNED FOR AUTOMOTIVE APPLICATIONS

REL22™ ALLOY

- Enhanced durability for use in extremely harsh environments;
Improved thermal cycling, drop shock and strength versus SAC305

REL61™ ALLOY

- Cost-saving SAC alloy – Lower process temperatures;
Reliability better or equal to SAC305

SAC305 ALLOY

- AIM Electropure™ alloying process utilizing virgin materials

V9 PASTE

- Minimizes voiding on BGA, BTC and LED <0.5%;
Minimal high SIR residue

M8 PASTE

- Print transfer efficiencies <0.50 AR;
Compatible with conformal coatings

Your partner in automotive electronics, AIM Solder has solutions for under-hood, in-cabin, lighting, ADAS, infrastructure or lighting; whether for EV, ICE or Hybrid, AIM delivers. AIM's REL22™ alloy is engineered for under-hood and powertrain applications where electronic assemblies are subjected to extreme thermal and mechanical conditions. AIM's M8 and V9 no clean solder pastes provide low-voiding and high electrochemical performance to meet high-throughput, low-defect assembly objectives. AIM's REL61™ low-silver alloy contains costs and has proven to exceed SAC305 reliability in SMT, selective and wave solder applications. AIM has the materials, experience, and global presence to solve the automotive challenges of today and tomorrow.

➤ **AIM AUTO Quality, Reliability, Innovation.**

Contact your AIM Representative to request your free sample today.

