

SAC-B 0807 LEAD-FREE SOLDER ALLOY

FEATURES

- Liquidus 226°C (439°F)
- Cost-Effective Low-Silver Alloy
- Excellent Wetting
- Low Dross Rate

DESCRIPTION

SAC-B 0807 is a cost-effective low-silver version of the SAC alloy family. SAC-B 0807 alloy has better capillary flow and better barrel fill than other silver-free alloys with the addition of a small amount of bismuth. SAC-B 0807 is manufactured using AIM Electropure™ process to ensure high purity and low dross generation. The melting range for this product is 217°C - 226°C (423°F - 439°F).

AVAILABILITY

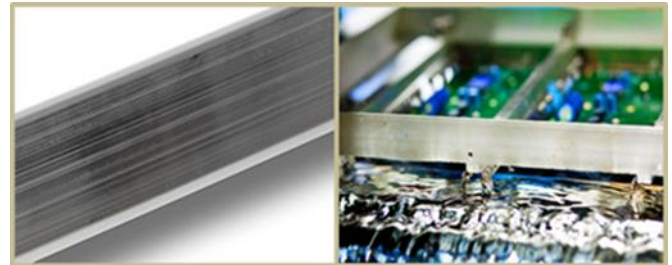
SAC-B 0807 is available in 1.1 kg (2.5 lb) triangular bars, hanging AIM Safety Bar and Solid Wire. SAC-B 0807 is also available in AIM flux cored wire solders and solder pastes.

TYPICAL ALLOY COMPOSITION

Typical Alloy Composition			
Sn: Balance	Ag: 0.8	Cu: 0.7	Bi: 0.1

TYPICAL MELTING TEMPERATURE

Typical Melting Temperature	
Solidus: 217°C (423°F)	Liquidus: 226°C (439°F)



HANDLING & STORAGE

Parameter	Time	Temperature
Shelf Life	Indefinite	Room Temperature

Indefinite shelf life applies to solid solder. For other product categories, refer to those specific TDSs. Consult AIM SAC-B 0807 SDS for additional handling procedures and precautions.

FLUX COMPATIBILITY

SAC-B 0807 bar solder is compatible with all major brands of no-clean and water soluble electronic grade fluxes.

CLEANING

Refer to data sheets provided by the flux manufacturer.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.