



TECHNICAL DATA SHEET

SAC 0307 – SAC 0300 Solder Bar

Lead Free



Description

Kurtel SAC 0307/SAC 0300 alloy Solder Bars have many advantages. These alloys are one of the most preferred by our customers. Kurtel SAC 0307/SAC 0300 Solder Bar guarantees that lead free application can be produced according to RoHS II (2011/65/EU). It can be used for wave selective and dip soldering.

SAC 0300 (Sn99,7/Ag0,3) should be added to the pot if copper content of more than %0,90-0,95.

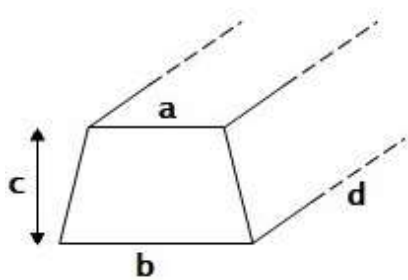
Advantages;

- Lower Surface Tension than Sn99,3/Cu0,7
- Thermal fatigue resistance
- Silver lowers the melting temperature
- Fast wetting
- High yields and low dross
- Excellent mechanical reliability
- RoHS II

Physical Properties & Product Forms

Properties	Sn99/Ag0,3/Cu0,7 SAC 0307	Sn99,7/Ag0,3 SAC 0300
Solder Composition:	Sn %99 (±0,15) Ag %0,3 (±0,15) Cu %0,7 (±0,15)	Sn %99,7 (±0,15) Ag %0,3 (±0,15)
Melting Point:	217 °C Solidus 228 °C Liquidus	225 °C Solidus 232 °C Liquidus
Specific Gravity:	7,33 g/cm ³	7,34 g/cm ³

Kurtel SAC 0307/SAC 0300 Solder Bar is trapezoidal 0,92 kg ingot form in 20kg box packages.



Dimensions

a : 20 mm
b : 24 mm
c : 17 mm
d : 350 mm



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Storage & Shelf Life

Dry at room temperature. Solder has an indefinite shelf life.

Health & Safety

Before using please read the MSDS.