

## SAC305 TAPE AND REEL PREFORMS

### FEATURES

- ▶ Precise and Repeatable Volume Accuracy
- ▶ Can be Used with Pick and Place Machines

### DESCRIPTION

Tape and Reel Preforms are designed for applications that require precise and repeatable solder volume using pick and place equipment. Tape and Reel Preforms are available in 0201, 0603, 0402, 0805, 120060, and 0201 sizes. SAC305 is a lead-free alloy that contains 96.5 % tin, 3% silver, and 0.5% copper. This alloy falls under the JEIDA recommendation for lead-free soldering. SAC305 may be used with most existing equipment, processes, coatings, and flux chemistries.

### PHYSICAL PROPERTIES

- ▶ Specific Gravity: Approx. 7.38
- ▶ Melting Temperature: 217°-218°C (423°-424°F)

### ALLOY COMPOSITION

Sn	Ag	Cu
Balance	3.0	0.5

### TYPICAL IMPURITY LEVELS

Typical Impurity Levels				
Al: < 0.001	Sb: 0.02	Cd: < 0.001	Fe: <0.01	In: <0.01
As: < 0.01	Bi: 0.01	Zn: < 0.001	Ni: < 0.002	Pb: 0.02

### FLUX COMPATIBILITY

SAC305 solder is compatible with all major no-clean and water soluble electronic grade fluxes on the market today.

### CLEANING

Refer to data sheets provided by the flux manufacturer.

### HANDLING & STORAGE

Consult the SDS for specific handling procedures.

### SAFETY

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