

CHEMTRONICS

Technical Data Sheet

TDS # S200

CircuitWorks[®] Lead-Free Pocket Solder

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

PRODUCT DESCRIPTION

CircuitWorks[®] Lead-Free Pocket Solder is the high-purity pocket-sized solder in a convenient dispenser for rework and repair. This rosin core solder wire is manufactured from the lead-free solder alloy SAC 305. Lead-Free Pocket Solder is easy to use and produces reliable solder joints every time. Its activated pure rosin flux core eliminates troublesome solder voids. Instant wetting action provides thorough deoxidation of metallic surfaces providing the best possible surfaces for soldering.

- Simple to use, easy to carry
- Safe and environmentally friendly
- Precision manufactured SAC 305 solder
- Type RMA (rosin moderately activated) flux core
- Ensures reliable solder connections
- Cleans and wets heavily tarnished copper surfaces
- RoHS compliant

TYPICAL APPLICATIONS

CircuitWorks[®] Lead-Free Pocket Solder can be used for electronics applications in:

- Circuit Board Manufacturing, Rework and Repair
- Data Communications
- Instrumentation
- Controls
- General Maintenance and Repair

Solder Wire Diameter 0.040 in. (1 mm)

Flux Core 3%

Solder Composition Tin (Sn) 96.5%
Silver (Ag) 3.0 %
Copper (Cu) 0.5%

Color Silvery Metallic

Melting Point 419°-424°F (215°-219°C)

Flux Type Type ROM1

CHEMICAL RESISTANCE

CircuitWorks[®] Lead-Free Pocket Solder has excellent resistance to all cleaners and aggressive organic solvents. Flux residues remaining after soldering can be easily cleaned with Chemtronics Flux-Off[®] Lead-Free Flux Remover (ES897B or ES1697) or CircuitWorks[®] Lead-Free Flux Remover Pen (CW9400).

