

## Sn42/Bi57/Ag1 .047” Solid Core Solder Wire 4oz Spool

### Product Highlights

#### LOW TEMPERATURE

Melts at 138°C (281°F)

Lead-Free

RoHS 3 and REACH compliant

### Specifications

|                |                |
|----------------|----------------|
| Alloy:         | Sn42/Bi57/Ag1  |
| Wire diameter: | 0.047” (1.2mm) |
| Melting Point: | 138°C (281°F)  |
| Packaging:     | 4oz Spool      |
| Shelf Life:    | >60 months     |



### Storage and Handling

Store in a non-corrosive, dry environment.

**Please Note:** Although Sn42/Bi57/Ag1 forms strong joints and is more ductile due to the added 1% Silver, in wire form it is brittle and needs to be handled gently when unspooling. It is normal for spooled Sn42/Bi57/Ag1 wire to have some breaks in it.

### Test Results

| Test J-STD-004 or other requirements as stated | Test Requirement                                   | Result   |
|--|--|--|
| Conflict Minerals Compliance                   | Electronic Industry Citizenship Coalition (EICC)   | Compliant  |
| REACH Compliance                               | Articles 33 and 67 of Regulation (EC) No 1907/2006 | Contains no substance >0.1% w/w that is listed as a SVHC or restricted for use in solder materials |

### Conforms to the following Industry Standards:

|   |     |
|---|-----|
| J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders): | Yes |
| RoHS 3 Directive (EU) 2015/863:   | Yes |