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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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BAR SN63

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PRODUCT DESCRIPTION

BAR SN63 provides the following product characteristics:

| | |
|--------------------|-----------------|
| Technology | Solder bar |
| Application | Sn/Pb soldering |

BAR SN63 alloy is a tin/lead alloy used in traditional electronic assembly soldering applications.

FEATURES AND BENEFITS

- Eutectic SnPb alloy
- Improved yields, especially on densely populated boards
- Special alloy composition improves flow and reduces oxide formation for more consistent results
- Bright solder joints
- Low impurity levels increase life of alloy in the solder bath and reduce bath maintenance
- Passes IPC/EIA J-STD-006B requirements

TYPICAL PROPERTIES

| ELEMENT | Weight % |
|---------------|--------------|
| Tin (Sn) | 62.5 to 63.5 |
| Lead (Pb) | Remainder |
| Aluminum (Al) | ≤0.005 |
| Antimony (Sb) | ≤0.5 |
| Arsenic (As) | ≤0.03 |
| Bismuth (Bi) | ≤0.1 |
| Cadmium (Cd) | ≤0.002 |
| Copper (Cu) | ≤0.08 |
| Gold (Au) | ≤0.05 |
| Iron (Fe) | ≤0.02 |
| Indium (In) | ≤0.03 |
| Nickel (Ni) | ≤0.01 |
| Silver (Ag) | ≤0.05 |
| Zinc (Zn) | ≤0.003 |

Solder Bar Typical Properties

| | |
|-------------------------------------|-----|
| Alloy melting range, °C | 183 |
| Density, g/cm ³ | 7.4 |
| Tensile Strength, N/mm ² | 67 |

PACKAGING

BAR SN63 is sold in economical 1000 and 2000 lbs pallets.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Not for Product Specifications

The technical information contained herein is intended for reference only. Please contact Henkel Technologies Technical Service for assistance and recommendations on specifications for this product.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

Disclaimer

Note:

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