



## **Technical Data Sheet:** **Solder Wire (Low-Temp)**

### **Available Alloy Compositions**

	<b>Sn63Pb37</b>	<b>Sn96.5Ag3.0Cu0.5</b>	<b>Sn96.5Ag3.5</b>	<b>Sn95Ag5</b>	<b>Sn99.3Cu0.7</b>
Solidus (°C)	183	217	221	221	227
Liquidus (°C)	183	218	221	240	227
Density (gm/cm <sup>3</sup> )	8.4	7.37	7.37	7.5	7.2
Thermal conductivity (W/m/K)	50	50	50	50	70
Electrical resistivity (μΩ-cm)	14.99	12.5	12.3	13.7	13.5
CTE (10 <sup>-6</sup> /K)	23.9	21.6	21.6	21	21
RoHS Compliant	No	Yes	Yes	Yes	Yes

**Available wire sizes: Ø0.020, Ø0.030. For additional sizes contact Coining Engineering**

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