

Specifications for Asahi Sn60Pb40 (HF532) Core Wire

1) Alloy Composition: Standard	Sn60Pb40 JIS Z 3282: 2006 (Wt%)																		
Sn Pb Sb Bi Cd Cu Au In Ag Al As Fe Ni Zn	60 +/- 0.5 Remainder 0.20 max 0.10 max 0.002 max 0.08 max 0.05 max 0.10 max 0.10 max 0.001 max 0.03 max 0.02 max 0.01 max 0.001 max																		
2) Physical Characteristics: Specific Gravity Liquidus Temperature Solidus Temperature	8.53 191 °C 183 °C																		
3) Core Flux Characteristics: Flux Activity Classification Flux Content (wt%) Copper Mirror Test Spread Factor Surface Insulation Resistance (85°C / 85 %RH) Water Extract Resistivity	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Specifications</i></th> <th style="text-align: left;"><i>Standards / Test Methods</i></th> </tr> </thead> <tbody> <tr> <td>ROM0</td> <td>IPC J-STD-004A</td> </tr> <tr> <td>2.3 +/- 0.3</td> <td>Singapore Asahi</td> </tr> <tr> <td>Classified as "M", Pass</td> <td>IPC-TM-650 2.3.32</td> </tr> <tr> <td>>75% (Sn60Pb40)</td> <td>JIS Z 3197: 1999 8.4.2</td> </tr> <tr> <td>>1 x 10⁸ Ω</td> <td>JIS Z 3197: 1999 8.3.1.1</td> </tr> <tr> <td>>1 x 10¹¹ Ω</td> <td>IPC-TM-650 2.6.3.3</td> </tr> <tr> <td>>1 x 10⁴ Ω-cm</td> <td>JIS Z 3197: 1999 8.5.4</td> </tr> <tr> <td></td> <td>JIS Z 3197: 1999 8.1.1</td> </tr> </tbody> </table>	<i>Specifications</i>	<i>Standards / Test Methods</i>	ROM0	IPC J-STD-004A	2.3 +/- 0.3	Singapore Asahi	Classified as "M", Pass	IPC-TM-650 2.3.32	>75% (Sn60Pb40)	JIS Z 3197: 1999 8.4.2	>1 x 10 ⁸ Ω	JIS Z 3197: 1999 8.3.1.1	>1 x 10 ¹¹ Ω	IPC-TM-650 2.6.3.3	>1 x 10 ⁴ Ω-cm	JIS Z 3197: 1999 8.5.4		JIS Z 3197: 1999 8.1.1
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4) Standard Packing: <input type="checkbox"/> 0.25 kg per roll. 100 rolls per carton <input type="checkbox"/> 0.5 kg per roll. 50 rolls per carton. <input type="checkbox"/> 1 kg per roll. 20 rolls per carton.																			

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