



**American Hakko Products, Inc.**

## P R O D U C T B U L L E T I N

**Bulletin No:** PB195

**Issue Date:** April 29, 2004

**Product:**

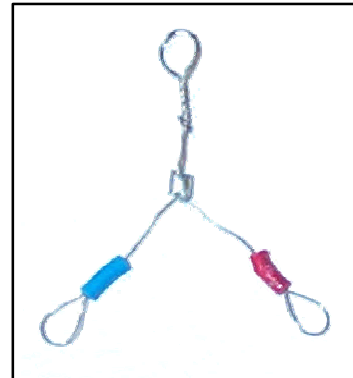
191/192 Thermometer sensors for no-lead solder

**Part No:**

191-212

**Specification:**

10 pieces of sensor wire for use with 191 and 192 thermometer. Sensors are specially coated to better withstand no-lead solders.



**Comments:**

Some users have experienced short sensor (191-211) life when using high tin content no-lead solders. The high percentage of tin may attack the sensor wire causing failure after only a few measurements. The 191-212 sensor wire is specially coated near the weld junction to improve sensor life when using no-lead solders. Depending on the solder composition the standard sensor (191-211) may be acceptable.

The 191-212 sensor is currently available only as a special order item.

**Accessories:**

None

**Available:**

May 7, 2004

For pricing information, please contact your local American Hakko representative or our customer service department at (661) 294-0090.

From...

American Hakko Products, Inc.  
28920 N. Avenue Williams.  
Valencia, CA 91355  
Tel: (661) 294-0090  
Fax: (661) 294-0096  
[www.hakkousa.com](http://www.hakkousa.com)  
AHP14 Rev 2000-01