

■ MICRO-OHMMETER

# Kelvin Probe Lead Connection

for Micro-Ohmmeters

Models 6240, 6250, and 6255



ENGLISH

User Manual

**AEMC**<sup>®</sup>  
INSTRUMENTS  
CHAUVIN ARNOUX GROUP

## 6240 & 6255 Micro-Ohmmeter Probe Sets

| Probe #1 Colors | Probe #2 Colors | Probe Handle Colors              | Catalog #                                        | Image                                                                               |
|-----------------|-----------------|----------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Red/Red</b>  | <b>Blk/Blk</b>  | <b>Red/Red and Blk/Blk</b>       | 1017.84*<br>(10 ft)<br><br>2118.70*<br>(20 ft)   |    |
| <b>Red/Red</b>  | <b>Blk/Blk</b>  | <b>Red/Red and Blk/Blk</b>       | 2118.82*<br>(10 ft)                              |    |
| <b>Red/Blk</b>  | <b>Red/Blk</b>  | <b>Blk w/ Red Dot = Red Lead</b> | 2118.73**<br>(10 ft)<br><br>2118.74**<br>(20 ft) |    |
| <b>Red/Blk</b>  | <b>Red/Blk</b>  | <b>Red/Blk and Red/Blk</b>       | 2118.79**<br>(10ft)<br><br>2118.80**<br>(20ft)   |   |
| <b>Red/Blk</b>  | <b>Red/Blk</b>  | <b>Blk w/ Red Dot = Red Lead</b> | 2118.77**<br>(10 ft)<br><br>2118.78**<br>(20 ft) |  |
| <b>Red/Blk</b>  | <b>Red/Blk</b>  | <b>Blk w/ Red Dot = Red Lead</b> | 2118.75**<br>(10ft)<br><br>2118.76**<br>(20 ft)  |  |

\* For use with any micro-ohmmeter that accepts fork terminal termination

\*\* For use with any micro-ohmmeter that accepts 4mm banana plugs or fork terminal termination

## Lead Connections for Current Models of the 6240 & 6255\*

The two leads of each Kelvin probe will connect to the  
C1, P1 and C2, P2 on current Models 6240 & 6255

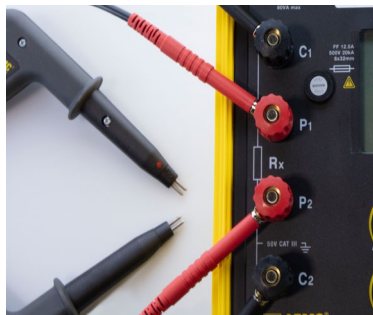
For the probes with **Red/Red**  
and **Blk/Blk** leads: Connect  
them as shown here



For the probes with **Red/Blk**  
and **Red/Blk** leads: Connect  
them as shown here.



For the probes with **Red/Blk**  
and **Red/Blk** leads and **Red**  
**DOT** located on the probe tip:  
Connect them as shown here.



*\*For Models 6240 and 6255 instruments with serial numbers lower than 1166339SEDV, terminals C1 and P1 are red, and C2 and P2 are black. In this case, connect probes as shown in the table on the following page.*

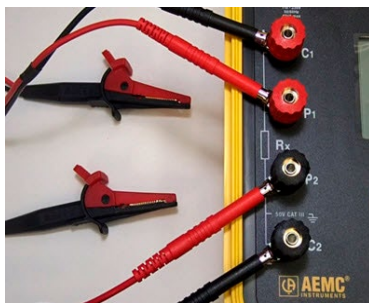
## 6240, 6250 & 6255 Lead Connection Examples

The two leads of each Kelvin probe will connect to the C1, P1 and C2, P2 on the Models 6240, 6250 & 6255

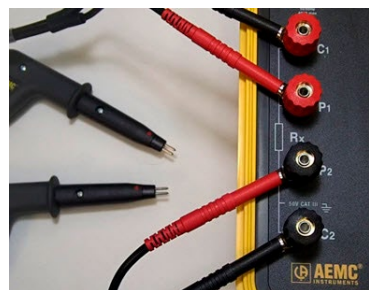
For the probes with **Red/Red** and **Blk/Blk** leads: Connect them as shown here



For the probes with **Red/Blk** and **Red/Blk** leads: Connect them as shown here.



For the probes with **Red/Blk** and **Red/Blk** leads and **Red DOT** located on the probe tip: Connect them as shown here.



Visit our YouTube Channel for an instructional video on this method and many other informational videos: [www.youtube.com/user/AEMCinstruments](http://www.youtube.com/user/AEMCinstruments)



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