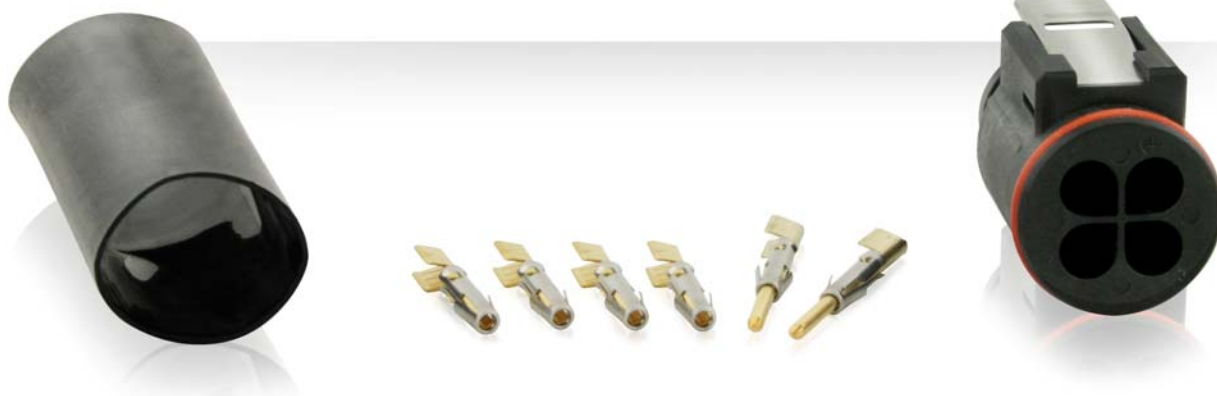


## 阅读申明

- 1.本站收集的数据手册和产品资料都来自互联网，版权归原作者所有。如读者和版权方有任何异议请及时告之，我们将妥善解决。
- 2.本站提供的中文数据手册是英文数据手册的中文翻译，其目的是协助用户阅读，该译文无法自动跟随原稿更新，同时也可能存在翻译上的不当。建议读者以英文原稿为参考以便获得更精准的信息。
- 3.本站提供的产品资料，来自厂商的技术支持或者使用者的心得体会等，其内容可能存在描述上的差异，建议读者做出适当判断。
- 4.如需与我们联系，请发邮件到marketing@iczoom.com，主题请标有“数据手册”字样。

## Read Statement

1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely manner.
2. The Chinese datasheets provided on the website is a Chinese translation of the English datasheets. Its purpose is for reader's learning exchange only and do not involve commercial purposes. The translation cannot be automatically updated with the original manuscript, and there may also be improper translations. Readers are advised to use the English manuscript as a reference for more accurate information.
3. All product information provided on the website refer to solutions from manufacturers' technical support or users the contents may have differences in description, and readers are advised to take the original article as the standard.
4. If you have any questions, please contact us at marketing@iczoom.com and mark the subject with "Datasheets" .



## Complete UTL evaluation kit it: designed to simplify ordering and assembly.

Accommodates a variety of cable variations, each kit comes complete with contacts, connector housing and cable boot.

Connector type	Boot	Male insert		Female insert	
		Part number	Contact part number & quantity	Part number	Contact part number & quantity
Plug	1	UTL6103G1P20AWG	SM20ML1S31 x 4 SC20ML1S31 x 2	UTL6103G1S20AWG	SM20ML1S31 x 2 SC20ML1S31 x 4
	1	UTL6103G1P16AWG	SM16ML1S31 x 4 SC16ML1S31 x 2	UTL6103G1S16AWG	SM16ML1S31 x 2 SC16ML1S31 x 4
	1	UTL6103G1P14AWG	SM14ML1S31 x 4 SC14ML1S31 x 2	UTL6103G1S14AWG	SM14ML1S31 x 2 SC14ML1S31 x 4
Inline receptacle	1	UTL1103G1P20AWG	SM20ML1S31 x 4 SC20ML1S31 x 2	UTL1103G1S20AWG	SM20ML1S31 x 2 SC20ML1S31 x 4
	1	UTL1103G1P16AWG	SM16ML1S31 x 4 SC16ML1S31 x 2	UTL1103G1S16AWG	SM16ML1S31 x 2 SC16ML1S31 x 4
	1	UTL1103G1P14AWG	SM14ML1S31 x 4 SC14ML1S31 x 2	UTL1103G1S14AWG	SM14ML1S31 x 2 SC14ML1S31 x 4
Jam nut receptacle	1	UTL7103G1P20AWG	SM20ML1S31 x 4 SC20ML1S31 x 2	UTL7103G1S20AWG	SM20ML1S31 x 2 SC20ML1S31 x 4
	1	UTL7103G1P16AWG	SM16ML1S31 x 4 SC16ML1S31 x 2	UTL7103G1S16AWG	SM16ML1S31 x 2 SC16ML1S31 x 4
	1	UTL7103G1P14AWG	SM14ML1S31 x 4 SC14ML1S31 x 2	UTL7103G1S14AWG	SM14ML1S31 x 2 SC14ML1S31 x 4
Square flange receptacle	-	UTL0103G1P20AWG	SM20ML1S31 x 4 SC20ML1S31 x 2	UTL0103G1S20AWG	SM20ML1S31 x 2 SC20ML1S31 x 4
	-	UTL0103G1P16AWG	SM16ML1S31 x 4 SC16ML1S31 x 2	UTL0103G1S16AWG	SM16ML1S31 x 2 SC16ML1S31 x 4
	-	UTL0103G1P14AWG	SM14ML1S31 x 4 SC14ML1S31 x 2	UTL0103G1S14AWG	SM14ML1S31 x 2 SC14ML1S31 x 4



## Evaluation kit assembly

The boot is semi-flexible and heat-shrinkable with a moldable adhesive inner lining.

- 1 - Place the heat shrink boot over the cable
- 2 - Strip the cable jacket (see page 33)
- 3 - Strip the individual wires (see page 31)
- 4 - Crimp the contacts
- 5 - Place the contacts in their cavities, checking the retention by slightly pulling the cable
- 6 - Clean the connector surface and the cable jacket with isopropyl alcohol  
(Note: It is advised to rub the jacket with sand paper and clean the jacket before shrinking the boot)
- 7 - Position the boot over the rear threads
- 8 - Heat the boot with a heat gun: minimum shrink temp: 80°C - minimum full recovery temp: 110°C  
make sure to apply the heat evenly around the boot. Starting by applying the heat from the rear of the connector.  
Do not apply excessive heat, as it will damage the connector and/or boot.
- 9 - Let the boot cool down
- 10 - Check for good retention and the boot glue grip.

