

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。

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 叙上的差异,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

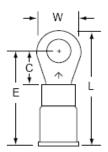
1. The datasheets and other product information on the site are all from network reference or other public materials, and the copyright belongs to the original author and original published source. If readers and copyright owners have any objections, please contact us and we will deal with it in a timely 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".

3MTM HighlandTM Terminals RV10-6 thru RV18-516 Ring tongue, Vinyl Insulated, Butted Seam



October 2008

Data Sheet

Product Number	Wire Range (AWG)	Stud Size	w	с	L	E	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
RV10-6	12-10	6	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
RV10-8	12-10	8	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
RV10-10	12-10	10	0.38	0.29	1.03	0.84	0.040	0.25	0.135	0.250
RV10-14	12-10	1/4	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250
RV10-38	12-10	3/8	0.53	0.44	1.26	0.99	0.040	0.25	0.135	0.250
RV10-516	12-10	5/16	0.54	0.44	1.26	0.99	0.040	0.25	0.135	0.250
RV14-4	16-14	4	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170
RV14-6	16-14	6	0.25	0.22	0.80	0.67	0.030	0.25	0.090	0.170
RV14-8	16-14	8	0.33	0.22	0.80	0.67	0.030	0.25	0.090	0.170
RV14-10	16-14	10	0.33	0.29	0.90	0.74	0.030	0.25	0.090	0.170
RV14-14	16-14	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170
RV14-516	16-14	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.090	0.170
RV18-4	22-18	4	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145
RV18-6	22-18	6	0.25	0.22	0.80	0.67	0.030	0.25	0.070	0.145
RV18-8	22-18	8	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145
RV18-10	22-18	10	0.31	0.33	0.93	0.78	0.030	0.25	0.070	0.145
RV18-14	22-18	1/4	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145
RV18-516	22-18	5/16	0.47	0.40	1.08	0.85	0.030	0.25	0.070	0.145

Agency Approvals, Self Certification

UL Listed – tested per UL Standard No. UL-486A-486B, 3M File No. E23438.

CSA Certified, CSA Standard C22.2, No. 0,65, 3M File No LR22190.



3M[™] Highland[™] Terminals RV10-6 thru RV18-516 Ring Tongue, Vinyl Insulated, Butted Seam

Specifications	Wire Size: Barrel Seam: Maximum Voltage Rating:	See Table Above Butted 600 V Building Wire or 1000 V Signs or Fixtures (Luminaires)		
	Maximum Operating Temp: Maximum Current: Insulator Material: Terminal Material: Terminal Planting:	221°F (105°C) Same as Wire Vinyl ETP Copper Tin		

Installation Information

WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed and CSA Certified for use on stranded copper (AWG) wire only.

Strip away the end 3/8 inch of wire insulation.

Make the crimp in the proper station of a recommended $3M^{TM}$ ScotchlokTM Crimp Tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.



Barrel Crimp (Electrical)

Engineering Specification Crimp-type terminals shall, electrically and mechanically, connect to the prestripped end of a stranded copper wire, and have a flat tongue portion with a central opening for mounting around a screw or stud. The terminal line shall offer barrel variations in hole (stud) size (6, 8, 10, etc.)

and configuration (ring, fork, block fork, flanged block fork, locking fork, etc.), and barrel variations in wire (AWG) size (22-18, 16-14, 12-10, etc.); and construction (non-insulated brazed seam, vinyl insulated butted seam, vinyl insulated with insulation grip, etc.). The terminal line shall have regulatory agency coverage (UL Listing, CSA Certification). The terminal tongue shall be marked with the wire range and manufacturer's symbol (1)

The vinyl-Insulated, butted seam ring tongue terminal shall be tin-plated, annealed copper, with the tongue having a specified stud hole (size 6 thru 3/8 in.) and a butted seam barrel covered by a molded vinyl funnel entry sleeve, color coded and sized for a specified (AWG) wire range (22-18, 16-14 and 12-10).

3M[™] Highland[™] Terminals RV10-6 thru RV18-516 Ring Tongue, Vinyl Insulated, Butted Seam

Shelf Life & Storage	This product has a 5-year shelf life from date of manufacture when stored in a humidity controlled storage (50°F/10°C to 80°F/27°C and <75% relative humidity).
Availability	Please contact your local distributor; available from 3M.com/electrical [Where to Buy] or call 1-800-245-3573.

Important Notice	All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.
Warranty; Limited Remedy; Limited Liability:	This product will be free from defects in material and manufacture from the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

3M, Highland and Scotchlok are trademarks of 3M Company.



Electrical Markets Division 6801 River Place Blvd. Austin, TX 78726-9000 800 245 3573 FAX 800 245 0329 www.3M.com/electrical

Please recycle. © 3M 2008 All rights reserved. 78-8126-0624-8_B