



VAL-U-LOK GLOW WIRE CONNECTORS

QUICK REFERENCE GUIDE

VAL-U-LOK connector housings and headers are now available in special Glow Wire compatible material. Glow Wire is a test required by IEC/EN 60335-1 4th.

Edition: Household and Similar Appliances – Safety. VAL-U-LOK Glow Wire connectors allow manufacturers of home appliances sold into the European market to comply with this standard.

KEY FEATURES

- Meets the requirement of IEC 60335-1
- Mates to standard VAL-U-LOK housings
- Compatible with standard VAL-U-LOK contacts

APPLICATIONS

- Household Appliances :
 - Air Conditioning
 - Dishwasher
 - Dryers
 - Ovens
 - Refrigerators
 - Washing Machines

ELECTRICAL

- Voltage: 600 VAC
- Current: 9 amps max. in 2-position applications
- Dielectric Withstanding Voltage: 1500 VAC min.
- Insulation Resistance: 1000 megohms min.
- Operating Temperature: -40°C to +105°C [-40°F to +221°F]

MECHANICAL

- Connector Mating: 1.55 lb. [6.90 N] max. per circuit
- Connector Unmating: .11 lb. [.49 N] min. per circuit
- Contact Retention: 4.88 lb. [21.71 N] min. per contact
- Durability: 30 cycles, mating and unmating

MATERIALS

- Housings: Glow Wire Compatible
- Contacts: Brass or Phos. Bronze with tin plating (Lead-Free) or gold plating

PRODUCT OFFERING

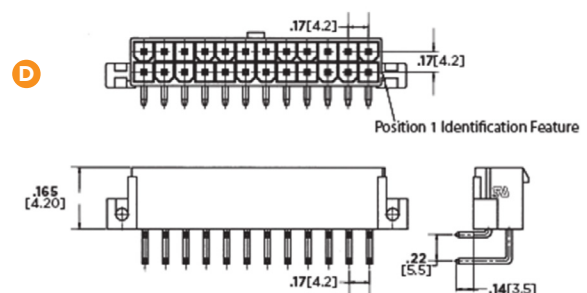
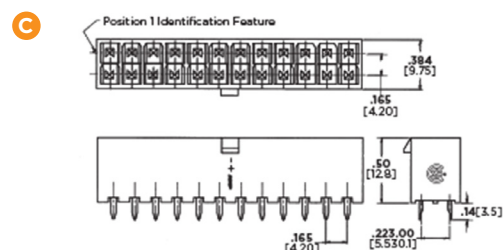
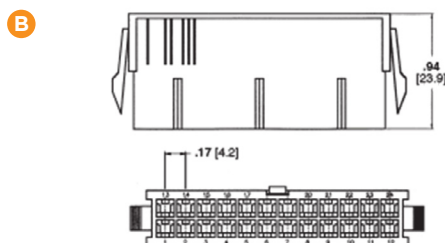
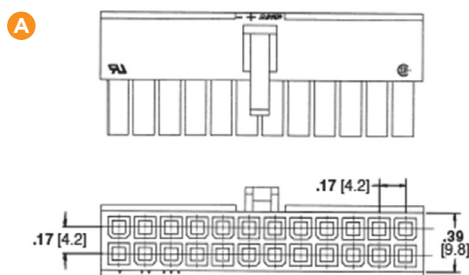
Receptacle and Plug Housing (Dual Row)			
A Receptacles		B Plugs	
Number of Positions		Panel Mount	Free Hanging
2	1586765-2	1586861-2	1586862-2
4	1586765-4	1586861-4	1586862-4
6	1586765-6	1586861-6	1586862-6
8	1586765-8	1586861-8	1586862-8
10	1-1586765-0	1-1586861-0	1-1586862-0
12	1-1586765-2	1-1586861-2	1-1586862-2
14	1-1586765-4	1-1586861-4	1-1586862-4
16	1-1586765-6	1-1586861-6	1-1586862-6
18	1-1586765-8	1-1586861-8	1-1586862-8
20	2-1586765-0	2-1586861-0	2-1586862-0
22	2-1586765-2	2-1586861-2	2-1586862-2
24	2-1586765-4	2-1586861-4	2-1586862-4

Receptacle and Plug Housing (Single Row)			
A Receptacles		B Plugs	
Number of Positions		Panel Mount	Free Hanging
3	2029112-3	2029110-3	2029111-3
4	2029178-4	2029177-4	2029180-4
5	2029178-5	2029177-5	2029180-5

Headers (Dual Row)				
Number of Positions	Vertical w/o pgs w/ dh*	C Vertical w/ pgs w/ dh*	Vertical w/ pgs w/o dh*	D Right Angle w/o pgs
2	1586768-2	2029059-2	2029265-2	1586863-2
4	1586768-4	2029059-4	2029265-4	1586863-4
6	1586768-6	2029059-6	2029265-6	1586863-6
8	1586768-8	2029059-8	2029265-8	1586863-8
10	1-1586768-0	1-2029059-0	1-2029265-0	1-1586863-0
12	1-1586768-2	1-2029059-2	1-2029265-2	1-1586863-2
14	1-1586768-4	1-2029059-4	1-2029265-4	1-1586863-4
16	1-1586768-6	1-2029059-6	1-2029265-6	1-1586863-6
18	1-1586768-8	1-2029059-8	1-2029265-8	1-1586863-8
20	2-1586768-0	2-2029059-0	2-2029265-0	2-1586863-0
22	2-1586768-2	2-2029059-2	2-2029265-2	2-1586863-2
24	2-1586768-4	2-2029059-4	2-2029265-4	2-1586863-4

Headers (Dual Row)			
Number of Positions	Vertical w/ pgs w/ dh	C Vertical w/ pgs w/o dh	D Right Angle w/o pgs
3	2029113-3	2029181-3	2029154-3
4	2029113-4	2029181-4	2029154-4
5	2029113-5	2029181-5	2029154-5

*dh indicates drain holes



Connect With Us

We make it easy to connect with our experts and are ready to provide the support you need. Visit te.com/support to chat with a Product Information Specialist.

te.com/val-u-lok-connectors

VAL-U-LOK, TE Connectivity, TE, TE connectivity (logo), and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

© 2025 TE Connectivity. All Rights Reserved.

ES 08-25