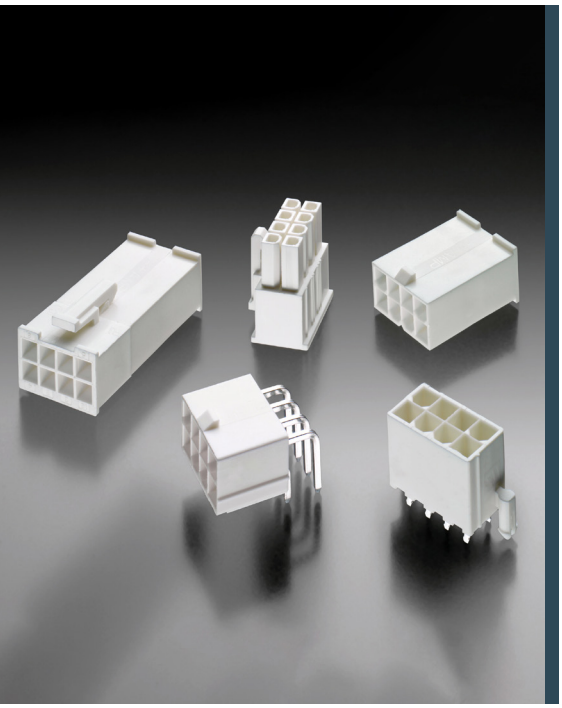


VAL-U-LOK GLOW WIRE CONNECTORS

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

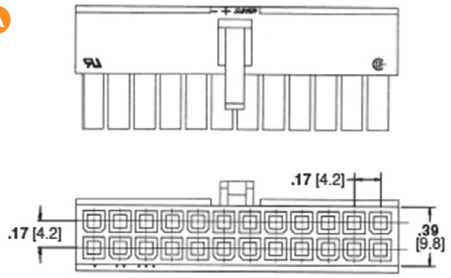
Headers (Dual Row)				
Number of Positions	Vertical w/o pegs w/ dh*	C Vertical w/ pegs w/ dh*	Vertical w/ pegs w/o dh*	D Right Angle w/o pegs
2	1586768-2	2029059-2	2029265-2	1586863-2
4	1586768-4	2029059-4	2029265-4	1586863-4
6	1586768-6	2029059-6	2029265-6	1586863-6
8	1586768-8	2029059-8	2029265-8	1586863-8
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

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/ pegs w/ dh	C Vertical w/ pegs w/o dh	D Right Angle w/o pegs
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

A



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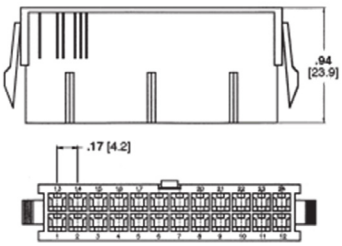

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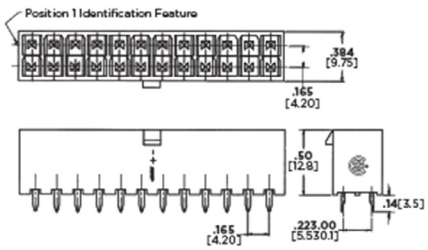

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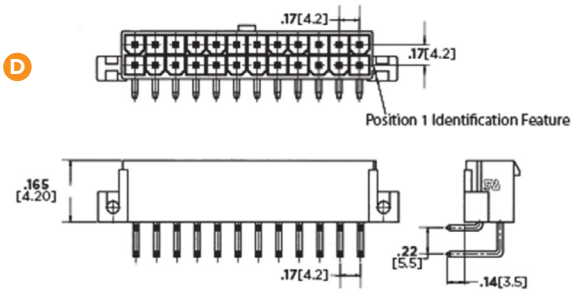

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