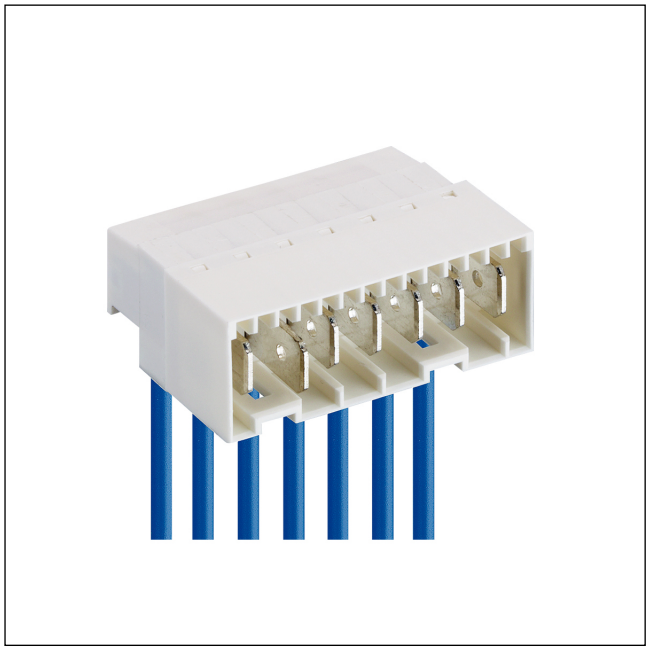
Lumberg
passion for connections

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RAST 5 connectors, pitch 5.0 mm

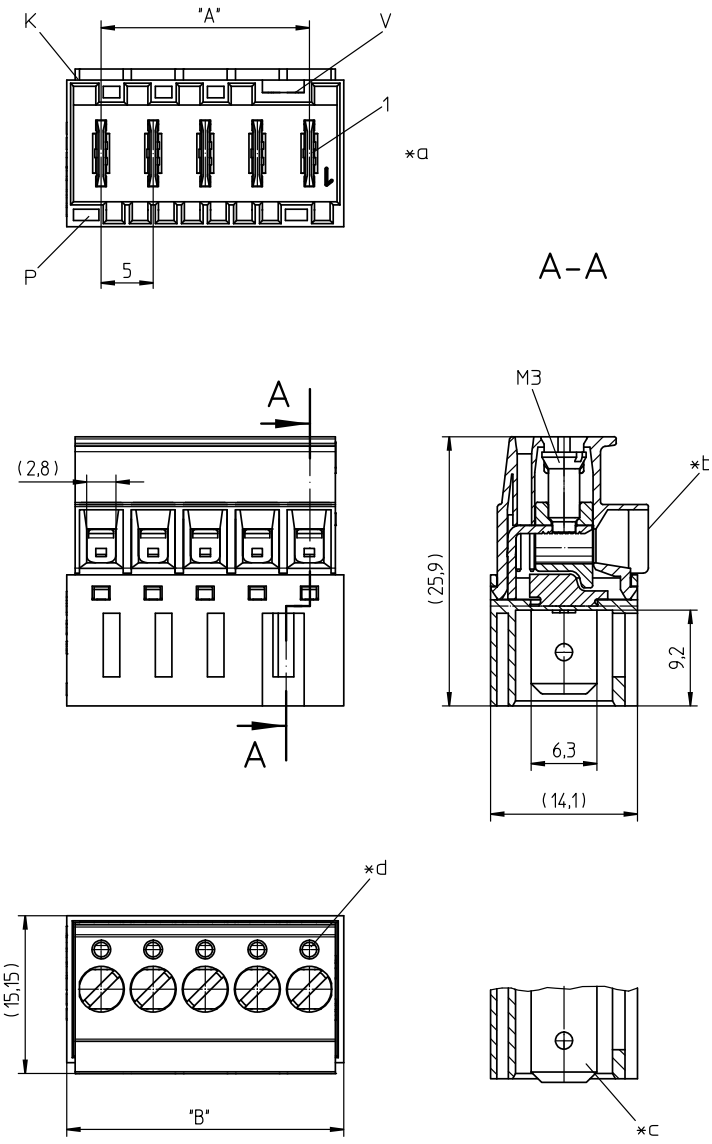


RAST 5 tab header, with screw terminal, with lift clamp with protection against misplacing, with test holes, cable departure on side of lock, with pre-mating protective contact

State: Active

Approvals:

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*a K = keying
P = positioning
V = space for lock

*b all screw clamps of the connector to be tightened with the indicated torque

*c cable departure 90°

*d pre-mating protective contact, protruding 1.5 mm, possible at any position

*e hole for test spike Ø 1.3 mm

Environmental conditions

Temperature range	-40 °C/+130 °C[1]

[1] upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card

Materials

Insulating body	PA GF, V-2 according to UL94[1]
Contact tab	CuZn, tin-plated
Clamp	CuZn, nickel-plated
Screw	steel, zinc-plated and chromatiert

[1] component glow wire resistant (GWT 750 °C), testing acc. to IEC 60695-2-11, assessment acc. to IEC 60335-1 (flame < 2 s)

Mechanical data

Contact tab	6.3 x 0.8 mm according to DIN 42644
Tightening torque screw	0,5 Nm
Keying proposals	at www.lumberg.com

Connectable conductors for screw clamp

Section stranded wire	0,14–2,5 mm² (AWG 26–14)
Section stranded wire with sleeve	0,25–2,5 mm² (AWG 24–14)
Section solid wire	0,14–4,0 mm² (AWG 26–12)
Stripping length	8 ± 1 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	10 A (T_U 70 °C)
Rated voltage	250 V AC
Material group	IIIa (IEC)/2 (UL) (CTI ≥ 250)
Creepage distance	3,5 mm
Clearance	3,5 mm
Insulation resistance	> 10 GΩ

Associated products

Counterparts

3611	3615	3615-1
3615-2	3615-3	3623
3626	3680	3683
3686	3687	

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
361899-2 02	2	200	1000	5	11.6
361899-2 03	3	200	1000	10	16.6
361899-2 04	4	200	1000	15	21.6
361899-2 05	5	200	1000	20	26.6
361899-2 06	6	200	1000	25	31.6
361899-2 07	7	200	1000	30	36.6

Designation to be completed by further details (e.g. for keying, color or material options).

Packaging:
in bulk, in a cardboard box