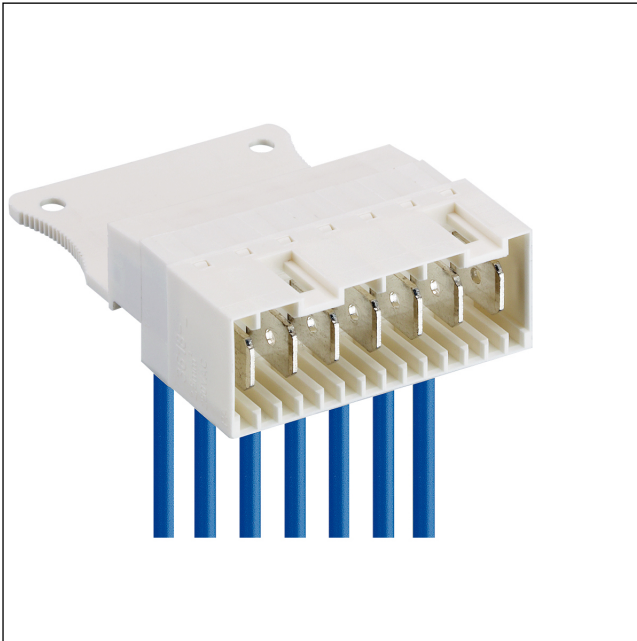


36 3618-1

RAST 5 connectors, pitch 5.0 mm

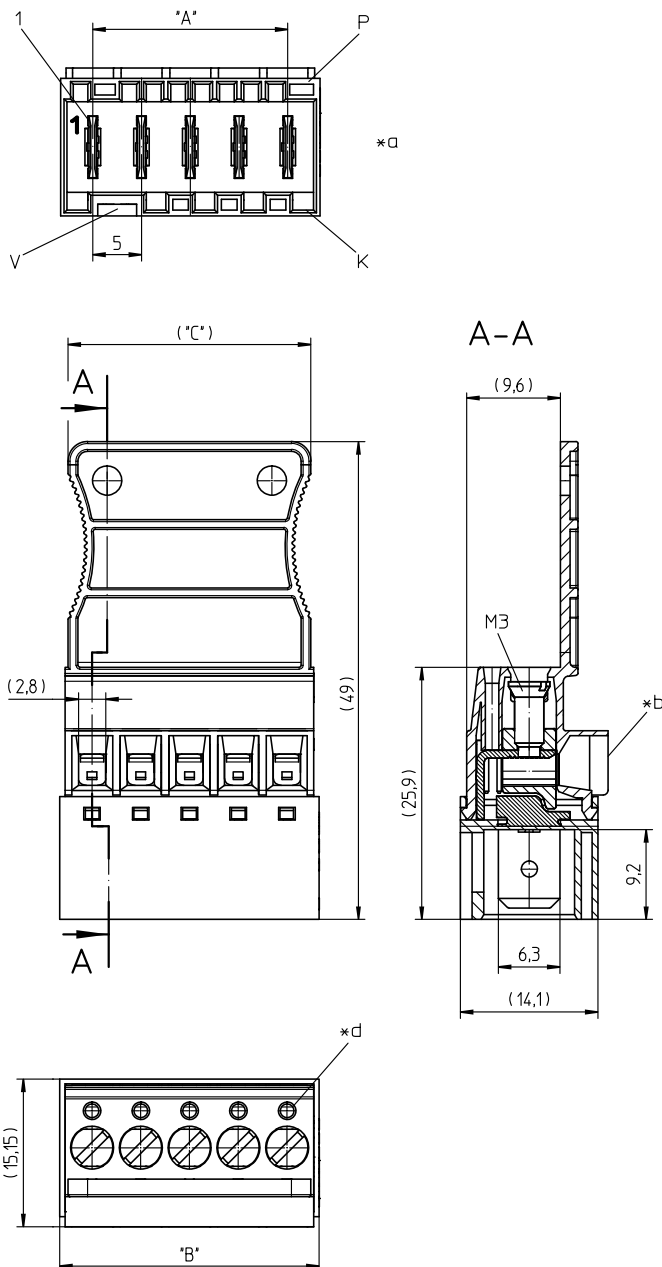


RAST 5 tab header, with screw terminal, with lift clamp
with protection against misplacing, with test holes, cable
departure opposite to lock, with handle latch

State: Active

Approvals:  

36 3618-1



- *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°
- *e hole for test spike Ø 1.3 mm

Environmental conditions

Temperature range -40 °C/+130 °C¹

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

Materials

Insulating body PA GF, V-2 according to UL94¹
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
 3623 01 V01	 3626	 3680
 3683	 3686	 3687

36 3618-1

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions		
				A (mm)	B (mm)	C (mm)
3618-1 02	2	200	1000	5	11.6	9.3
3618-1 03	3	200	1000	10	16.6	14.3
3618-1 04	4	200	1000	15	21.6	19.3
3618-1 05	5	200	1000	20	26.6	24.3
3618-1 06	6	200	1000	25	31.6	29.3
3618-1 07	7	200	1000	30	36.6	34.3

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

Packaging:

in bulk, in a cardboard box