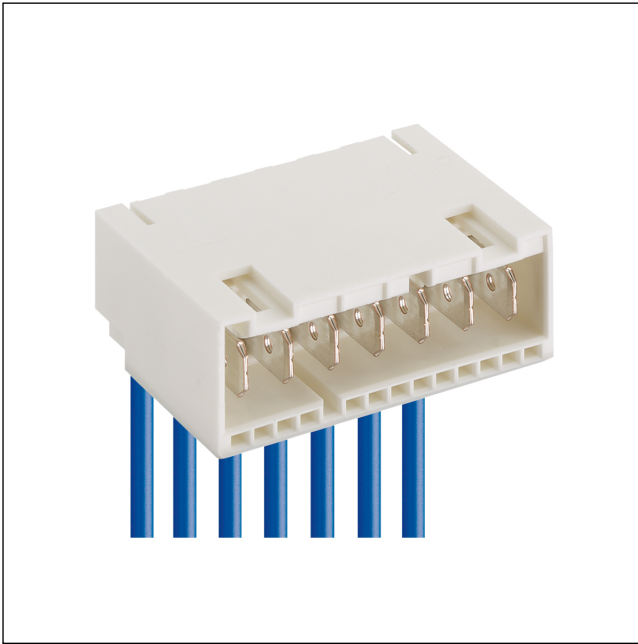


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RAST 5 connectors, pitch 5.0 mm

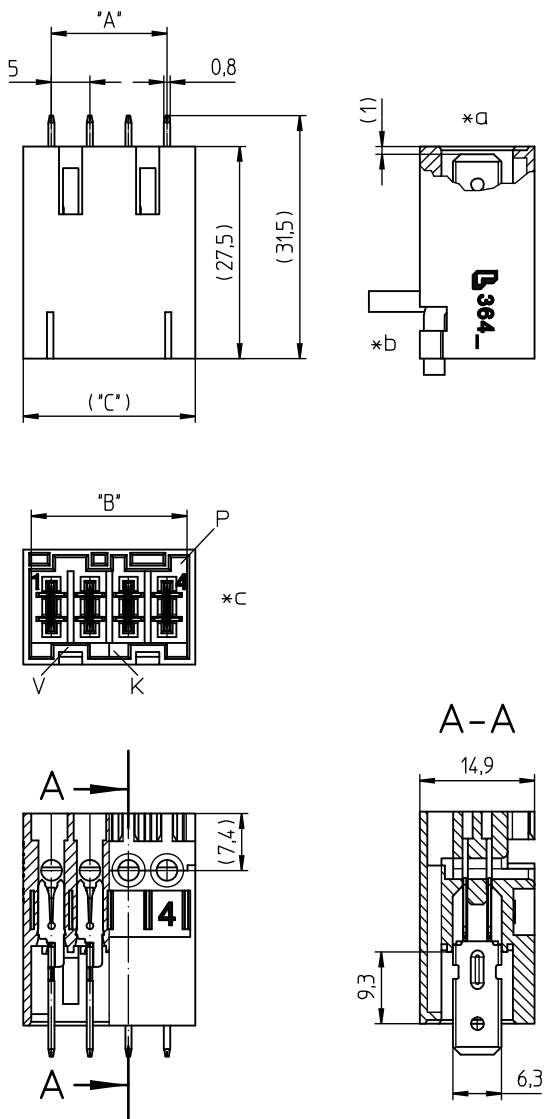


RAST 5 tab header, insulation displacement technology (IDT)

State: Active

Approvals:   

36 3647



- *a terminated connector
- *b cable departure 90° or 180°
- *c K = keying
P = positioning
V = space for lock

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, V-2 according to UL94¹

Contact tab CuSn, tin-plated

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

Keying proposals at www.lumberg.com 

Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 5.0 mm

Section min.

Section max.

Insulation diameter

Approved cables at www.lumberg.com 

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 5 mΩ

Rated current 6 A (0,75 mm², T_v 90 °C)
10 A (0,75 mm², T_v 60 °C)

Rated voltage 250 V AC

Material group IIIa (IEC)/2 (UL) (CTI ≥ 250)

Creepage distance ≥ 4,7 mm

Clearance ≥ 4,2 mm

Insulation resistance > 10 GΩ

Associated products

Counterparts

 3611	 3615	 3615-1
 3615-2	 3615-3	 3623
 3623 01 V01	 3626	 3628
 3680	 3683	 3686
 3687		

Harnessing equipment

 HA364-ST  KHP364

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions		
				A (mm)	B (mm)	C (mm)
3647 02	2	3000	300	5	10.2	12.3
3647 03	3	2100	2100	10	15.2	17.3
3647 04	4	1650	1650	15	20.2	22.3
3647 05	5	1350	2700	20	25.2	27.3
3647 06	6	1100	2200	25	30.2	32.3
3647 07	7	950	1900	30	35.2	37.3
3647 08	8	850	1700	35	40.2	42.3

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

Packaging:

in bulk, in a cardboard box