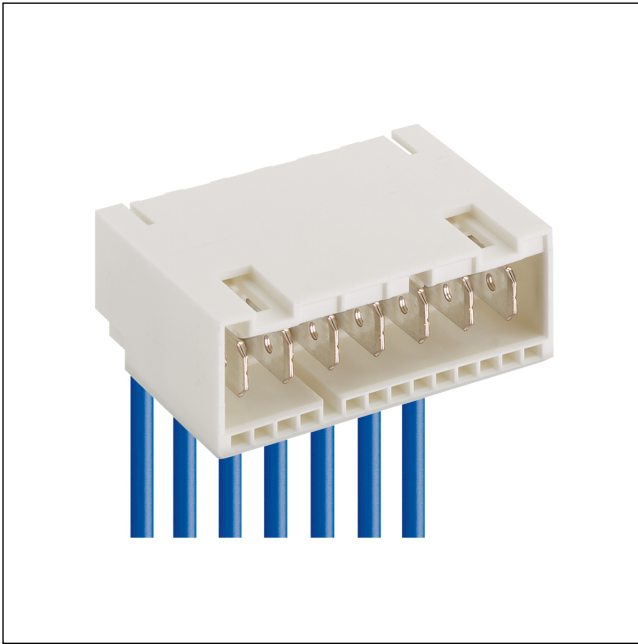


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RAST 5 connectors, pitch 5.0 mm

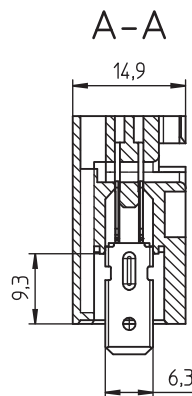
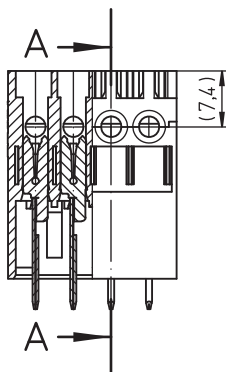
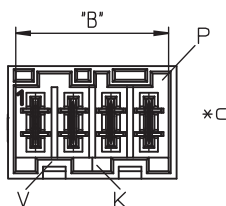
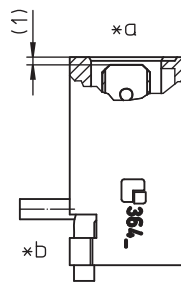
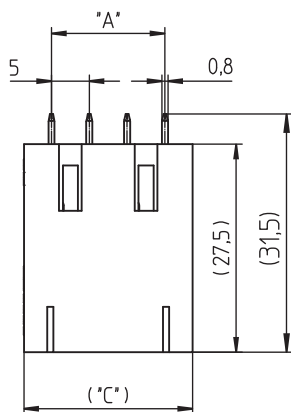


RAST 5 tab header, insulation displacement technology (IDT)

Approvals:



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- *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 46244

Keying proposals at www.lumberg.com 

Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 5.0 mm

Section min. 0.5 mm²

Section max. 0.82 mm²

Insulation diameter ≤ 2.5 mm

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_{amb} 90 °C)
10 A (0.75 mm², T_{amb} 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

 HA364e-ST  KHP364

36

3647

36

3647

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions		
				A (mm)	B (mm)	C (mm)
3647 02	2	3000	3000	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 bar stock carriers