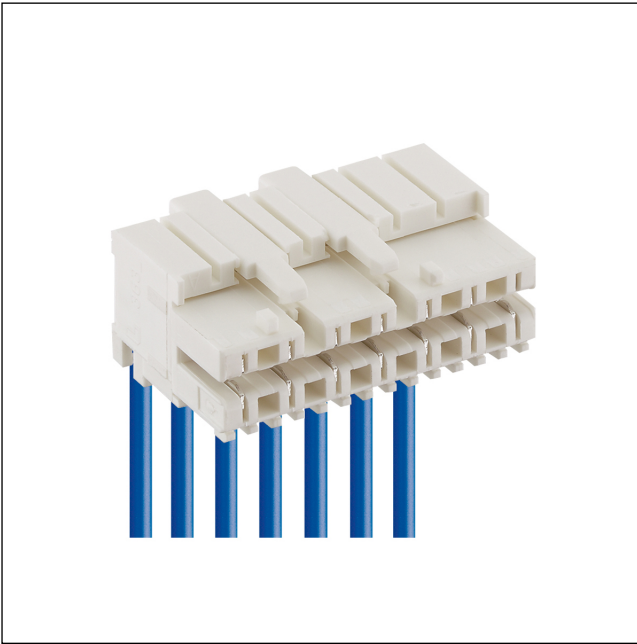


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3633

RAST 5 connectors, pitch 5.0 mm



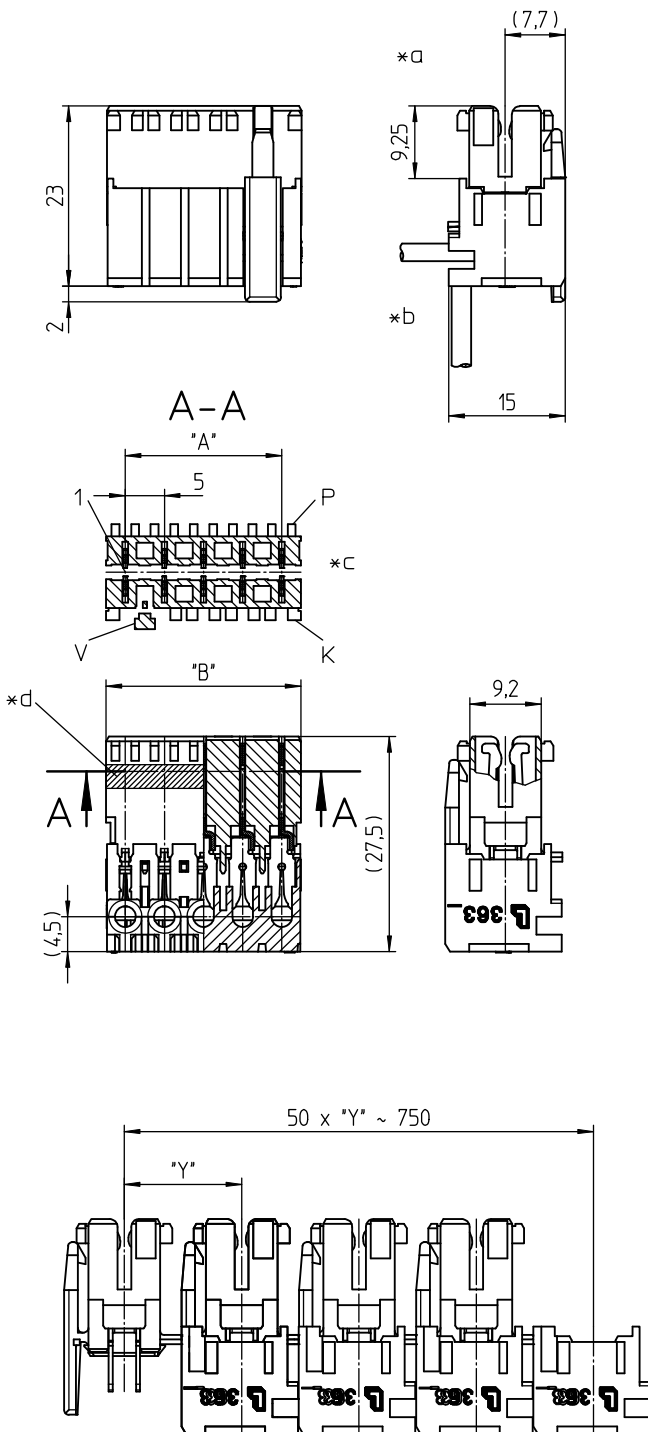
RAST 5 connector for direct mating, insulation displacement technology (IDT), with exterior locking, consecutive placement without loss of pitch

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Approvals:



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### Environmental conditions

Temperature range -40 °C/+125 °C – 3633 (S..)   
 -40 °C/+130 °C – 3633 M08(S..) <sup>1</sup>

<sup>1</sup> upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card


### Materials

Insulating body PA, V-2 according to UL94 – 3633 (S..)   
 PA, V-2 according to UL94 – 3633 M08(S..) <sup>1</sup>


Contact spring CuSn, tin-plated

<sup>1</sup> M08: 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

Mating with printed circuit board 1.5 ± 0.14 mm   
 Insertion force/contact ≤ 4,0 N   
 Withdrawal force/contact ≥ 1,0 N   
 Keying proposals at [www.lumberg.com](http://www.lumberg.com) 

### Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 5.0 mm   
 Section min. 0,34 mm<sup>2</sup>   
 Section max. 0,82 mm<sup>2</sup>   
 Insulation diameter ≤ 2,5 mm   
 Approved cables at [www.lumberg.com](http://www.lumberg.com) 

### Electrical data (at T<sub>amb</sub> 20 °C)

Contact resistance ≤ 5 mΩ   
 Rated current 6 A (0.75 mm<sup>2</sup>, T<sub>amb</sub> 70 °C) – 3633 (M..)   
 4 A (0.38 mm<sup>2</sup>, T<sub>amb</sub> 70 °C) – 3633 (M..)S01   
 Rated voltage 250 V AC   
 Material group I (IEC)/0 (UL) (CTI ≥ 600) – 3633 (S..)   
 IIIa (IEC)/2 (UL) (CTI ≥ 250) – 3633 M08(S..)   
 Creepage distance 3,6 mm   
 Clearance 3,6 mm   
 Insulation resistance > 10 GΩ

\*e

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3633

- 
- \*a terminated connector
  - \*b cable departure 90° or 180°
  - \*c K = keying  
P = positioning  
V = lock
  - \*d color marking blue at 3633 (M...)S01
  - \*e chaining of the component parts (state of delivery)

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#### Associated products

##### Accessories

[☞ 3602](#)

##### Harnessing equipment

[☞ HA3...e](#)

[☞ HA36e](#)

[☞ HA36e-CA](#)

[☞ HZ-M36](#)

[☞ HZ36-K](#)

[☞ KHP36](#)

[☞ VARICON 7000](#)

[☞ VARICON 7000-Eco](#)

[☞ VARICON 7000-Eco-CR](#)

[☞ VARICON 7000-RD](#)

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3633

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
3633 02	2	3600	3600	5	10
3633 03	3	2250	2250	10	15
3633 04	4	1800	1800	15	20
3633 05	5	1350	1350	20	25
3633 06	6	900	1800	25	30
3633 07	7	900	1800	30	35
3633 08	8	900	1800	35	40
3633 09	9	450	1800	40	45
3633 10	10	450	1800	45	50
3633 11	11	450	1800	50	55
3633 12	12	450	1800	55	60

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

**Packaging:**

chained, in a cardboard box