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332100

RAST 1.5 connectors, pitch 1.5 mm



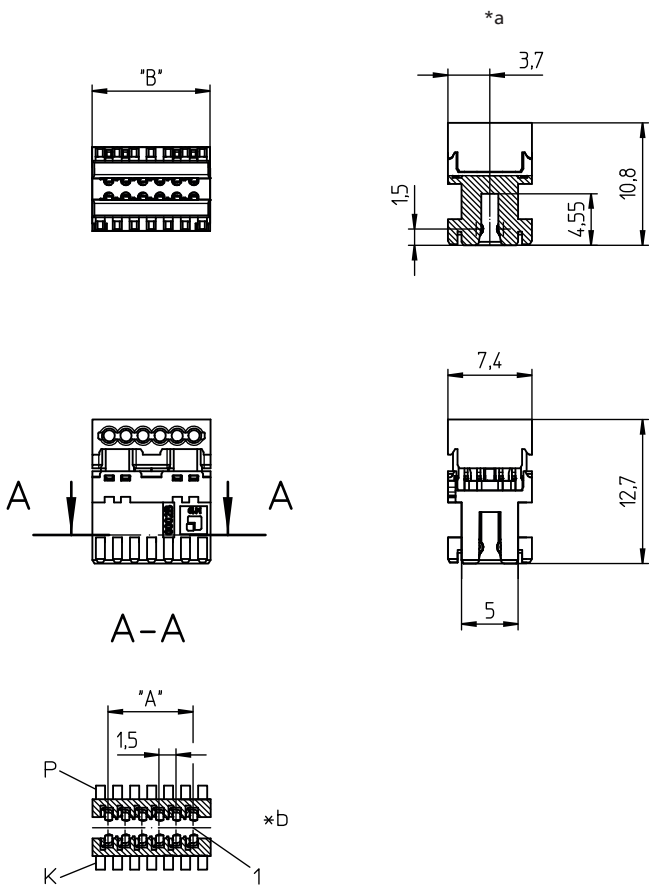
RAST 1.5 connector for direct and indirect mating,  
insulation displacement technology (IDT)

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Approvals:

 pending





\*a terminated connector  
\*b K = keying  
P = positioning

### Environmental conditions

Temperature range -40 °C/+130 °C<sup>1</sup>

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

### Materials


Insulating body PA GF, V-0 according to UL94<sup>1</sup>  
Contact spring CuSn, tin-plated

<sup>1</sup> material halogen-free and ATO-free, component glow wire resistant (GWEPT 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 ≤ 2.0 N  
Withdrawal force/contact ≥ 0.3 N

### Connectable conductors for IDT area

Construction discrete conductor  
Section min. 0.22 mm<sup>2</sup>  
Section max. 0.22 mm<sup>2</sup>  
Insulation diameter ≤ 1.2 mm  
Approved cables at [www.lumberg.com](http://www.lumberg.com) 

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

Rated current 3 A (T<sub>amb</sub> 85 °C, VDE)  
Rated voltage 50 V  
Material group I (IEC)/0 (UL) (CTI ≥ 600)  
Creepage distance 0.6 mm  
Clearance 0.2 mm  
Insulation resistance > 1 GΩ

### Associated products

| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) | Dimensions |        |
|-------------|-------------|-------------|--------------|------------|--------|
|             |             |             |              | A (mm)     | B (mm) |
| 332100 02   | 2           | 7049        |              | 1.5        | 4.4    |
| 332100 03   | 3           | 5194        |              | 3.0        | 5.9    |
| 332100 04   | 4           | 4081        |              | 4.5        | 7.4    |
| 332100 05   | 5           | 3339        |              | 6.0        | 8.9    |
| 332100 06   | 6           | 2968        |              | 7.5        | 10.4   |
| 332100 07   | 7           | 2597        |              | 9.0        | 11.9   |
| 332100 08   | 8           | 2226        |              | 10.5       | 13.4   |
| 332100 09   | 9           | 1855        |              | 12.0       | 14.9   |
| 332100 10   | 10          | 1855        |              | 13.5       | 16.4   |
| 332100 11   | 11          | 1484        |              | 15.0       | 17.9   |
| 332100 12   | 12          | 1484        |              | 16.5       | 19.4   |

**Packaging:**

chained, in a cardboard box