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352100

RAST 2.5 connectors, pitch 2.5/5.0 mm



RAST 2.5 plus™ connector for direct and indirect mating,  
with double-sided keying, insulation displacement  
technology (IDT)  
contact pitch 2.5 mm

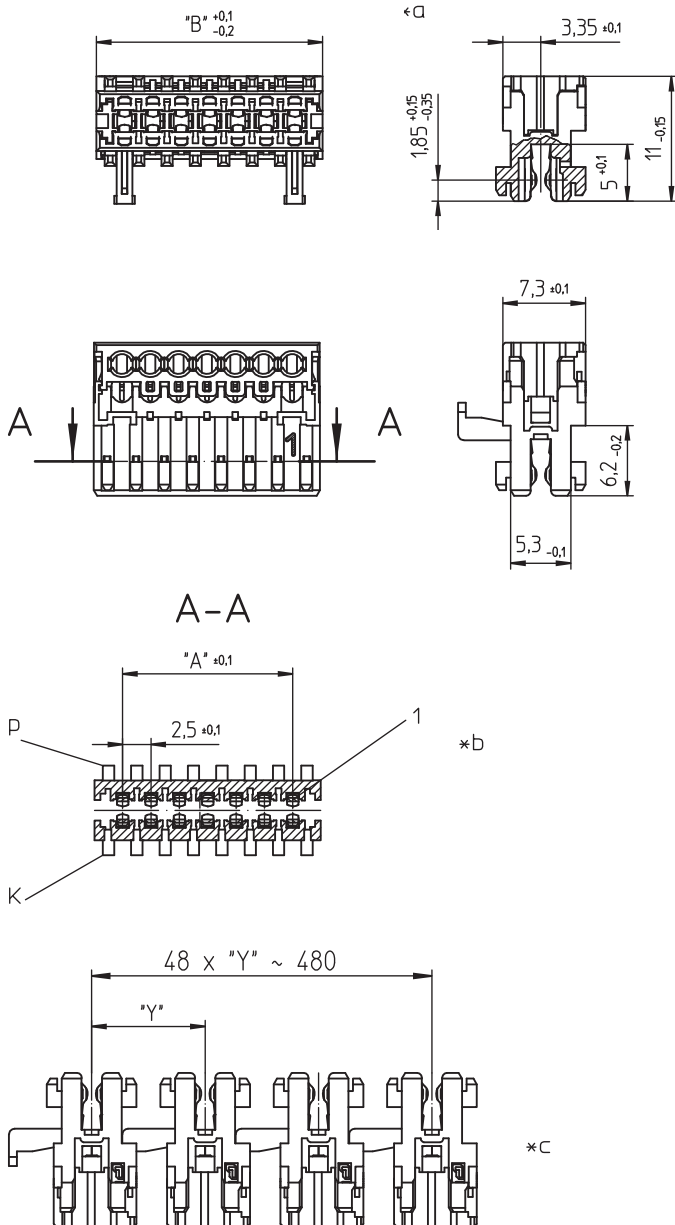
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Approvals:



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- \*a terminated connector
- \*b K = keying  
P = Positioning
- \*c chaining of the component parts (state of delivery)

### Environmental conditions

Temperature range -40 °C/+130 °C – 352100  
-40 °C/+150 °C – 352100 M30<sup>1</sup>

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

### Materials

Insulating body PA, V-0 according to UL94 – 352100  
PA, V-0 according to UL94 – 352100 M30<sup>1</sup>

Contact spring CuSn, tin-plated (with 10 or more poles with contact variant V214, CuSn, tin-plated, with lubricant)


<sup>1</sup> valid for both: material halogen-free, GWFI 850 °C, GWIT 775 °C

### Mechanical data

Mating with printed circuit board 1.5 ± 0.14 mm

Insertion force/contact ≤ 4,0 N

Withdrawal force/contact ≥ 0,5 N

Keying proposals at [www.lumberg.com](http://www.lumberg.com) 


### Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 2.5 mm

Section min. 0,35 mm<sup>2</sup>

Section max. 0,38 mm<sup>2</sup>

Insulation diameter ≤ 1,6 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 4 A (T<sub>amb</sub> 60 °C, VDE/cULus)  
2 A (T<sub>amb</sub> 100 °C, VDE)

Rated voltage 32 V AC (VDE)  
80 V AC (cULus)

Material group I (IEC)/0 (UL) (CTI ≥ 600)

Creepage distance 0,7 mm

Clearance 0,7 mm

Insulation resistance > 1 GΩ

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**Associated products**

Counterparts

- |                        |                        |                        |
|------------------------|------------------------|------------------------|
| <a href="#">3541</a>   | <a href="#">3541-1</a> | <a href="#">3545</a>   |
| <a href="#">3545-1</a> | <a href="#">3550</a>   | <a href="#">355095</a> |
| <a href="#">355096</a> | <a href="#">355099</a> | <a href="#">3554</a>   |
| <a href="#">83545</a>  |                        |                        |

Accessories

- [3500](#)

Harnessing equipment

- |                                     |                                     |  |
|-------------------------------------|-------------------------------------|--|
| <a href="#">HA3...e</a>             | <a href="#">HA35 plus</a>           | <a href="#">HZ35-K</a>                 |
| <a href="#">KHP35 plus</a>          | <a href="#">VARICON 7000</a>        | <a href="#">VARICON 7000-Eco</a>       |
| <a href="#">VARICON 7000-Eco-CR</a> | <a href="#">VARICON 7000-Inline</a> | <a href="#">VARICON 7000-Inline-CR</a> |
| <a href="#">VARICON 7000-RD</a>     | <a href="#">VARICON 7000-RD-CR</a>  |  |

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
352100 02	2	4752	14256	2.5	7.4
352100 03	3	3456	10368	5.0	9.9
352100 04	4	2592	7776	7.5	12.4
352100 05	5	2160	6480	10.0	14.9
352100 06	6	1728	5184	12.5	17.4
352100 07	7	1728	5184	15.0	19.9
352100 08	8	1296	3888	17.5	22.4
352100 09	9	1296	3888	20.0	24.9
352100 10	10	1296	3888	22.5	27.4
352100 11	11	864	2592	25.0	29.9

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

**Packaging:**

chained, in a cardboard box