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RAST 5 connectors, pitch 5.0 mm

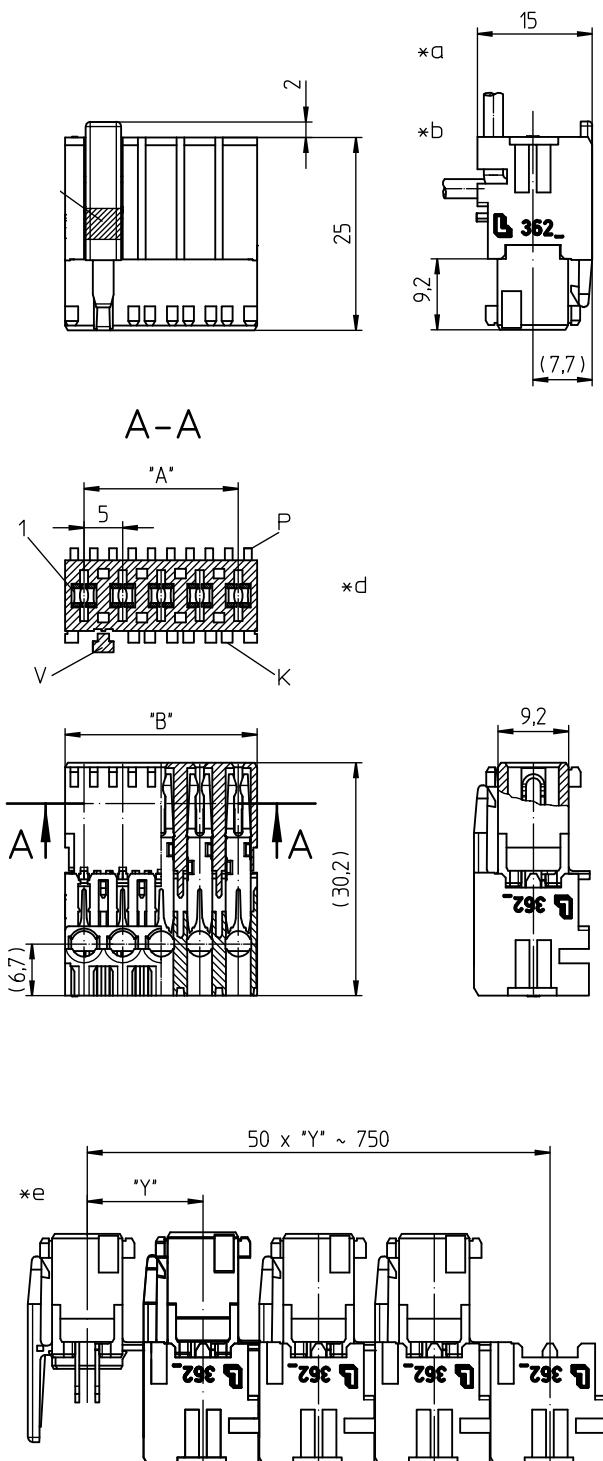


RAST 5 connector for indirect mating, insulation displacement technology (IDT), with exterior locking, consecutive placement without loss of pitch, for use in a higher temperature range

State: Active

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Environmental conditions

Temperature range -25 °C/+150 °C – 3625-1 M05(S03)

Materials

Insulating body PA, V-2 according to UL94 – 3525-1 M05(S03)
Contact spring Cu alloy, silver-plated

Mechanical data

Insertion force/contact ≤ 12 N
Withdrawal force/contact ≥ 1,5 N
Keying proposals at www.lumberg.com

Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 5.0 mm
Section min. 0,75 mm²
Section max. 1 mm²
Insulation diameter ≤ 3,0 mm
Approved cables at www.lumberg.com

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 5 mΩ
Rated current 10,5 A (T_u 120 °C)
Rated voltage 250 V AC
Material group IIIa (CTI ≥ 250)
Creepage distance ≥ 3,2 mm
Clearance ≥ 3,2 mm
Insulation resistance > 10 GΩ

Associated products

Counterparts
☞ 3647-1

Harnessing equipment

☞ HA3...e ☞ HA36e ☞ HA36e-CA
☞ HZ-M36 ☞ HZ36-K ☞ KHP36
☞ VARICON 7000 ☞ VARICON 7000-RD

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- *a terminated connector
 - *b cable departure 90° or 180°
 - *d K = keying
P = positioning
V = lock
 - *e chaining of the component parts (state of delivery)

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
3625-1 02 M05S03	2	3600	3600	5	10
3625-1 03 M05S03	3	2250	2250	10	15
3625-1 04 M05S03	4	1800	1800	15	20

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

Packaging:

chained, in a cardboard box