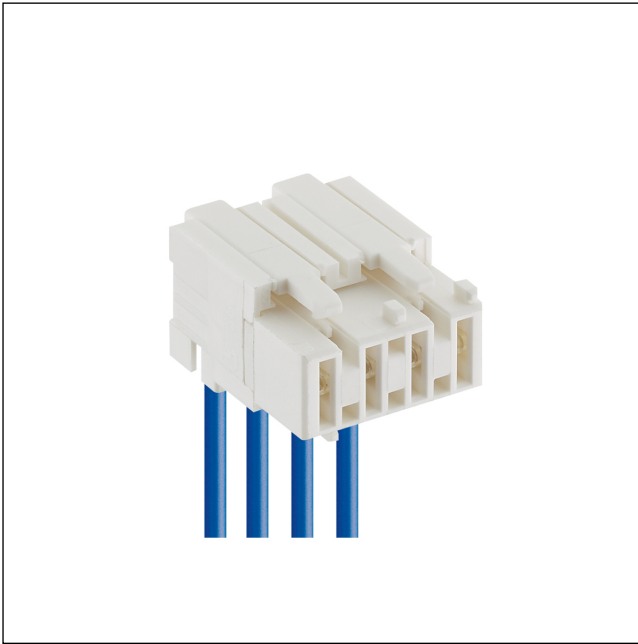


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RAST 5 connectors, pitch 5.0 mm

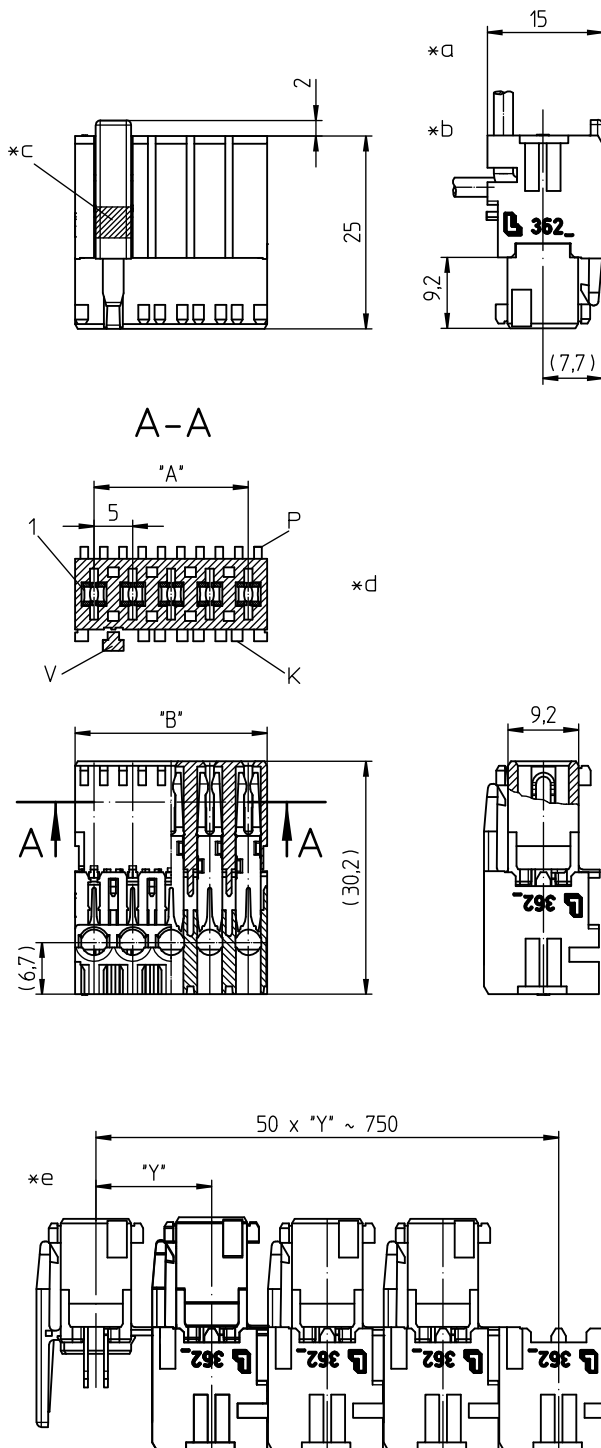


RAST 5 connector for indirect mating, insulation displacement technology (IDT), with exterior locking, consecutive placement without loss of pitch

Approvals:



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Environmental conditions

Temperature range	-40 °C/+125 °C – 3625 (S...)
	-40 °C/+130 °C – 3625 M08(S...)
	-40 °C/+130 °C – 3625 M20(S...) ¹

¹ upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card

Materials

Insulating body	PA, V-2 according to UL94 – 3625
	PA, V-2 according to UL94 – 3625 M08
	PA, V-0 according to UL94 – 3625 M20 ¹

Contact spring	CuSn, silver-plated
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¹ M08: component glow wire resistant (GWT 750 °C), testing acc. to IEC 60695-2-11, assessment acc. to IEC 60335-1 (flame < 2 s)

M20: material halogen-free, GWFI 960 °C (0.75 mm), GWIT 775 °C (0.75 mm)

Mechanical data

Mating with	tab contact 6.3 mm x 0.8 mm according to DIN 46244
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 mm ²
Section max.	1,5 mm ²
Insulation diameter	≤ 3,0 mm
Approved cables	at www.lumberg.com 

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	16 A (1,5 mm ² , T _{amb} 70 °C) 12 A (1,0 mm ² , T _{amb} 70 °C)
Rated voltage	250 V AC
Material group	I (IEC)/0 (UL) (CTI ≥ 600) – 3625 IIIa (IEC)/2 (UL) (CTI ≥ 250) – 3625 M08 I (IEC)/2 (UL) (CTI ≥ 600) – 3625 M20
Creepage distance	3,6 mm
Clearance	3,6 mm
Insulation resistance	> 10 GΩ

-
- *a terminated connector
 - *b cable departure 90° or 180°
 - *c color keying option (FB) according to customer's specification
 - *d K = keying
P = positioning
V = lock
 - *e chaining of the component parts (state of delivery)

Associated products

Counterparts

☞ 3641 V167	☞ 364197 V167	☞ 3642 V167
☞ 3643 V167	☞ 3644 V167	☞ 3645 V167

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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3625

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
3625 02	2	3600	3600	5	9.9
3625 03	3	2250	2250	10	14.9
3625 04	4	1800	1800	15	19.9

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

Packaging:

chained, in a cardboard box