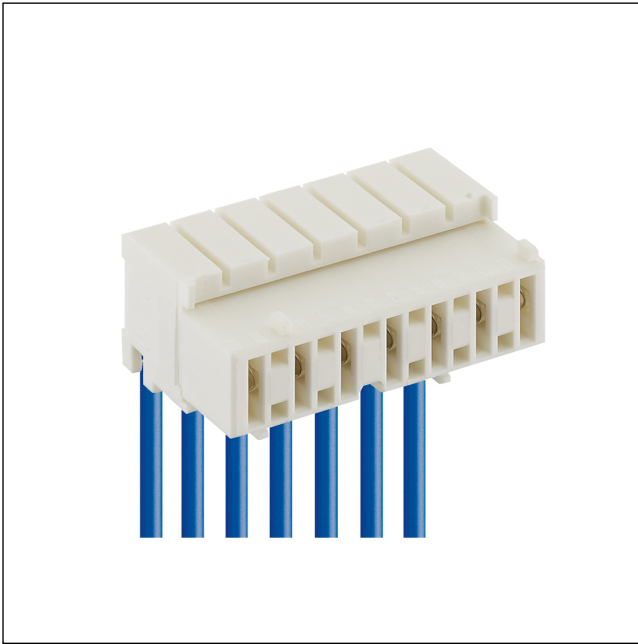


36 3626

RAST 5 connectors, pitch 5.0 mm

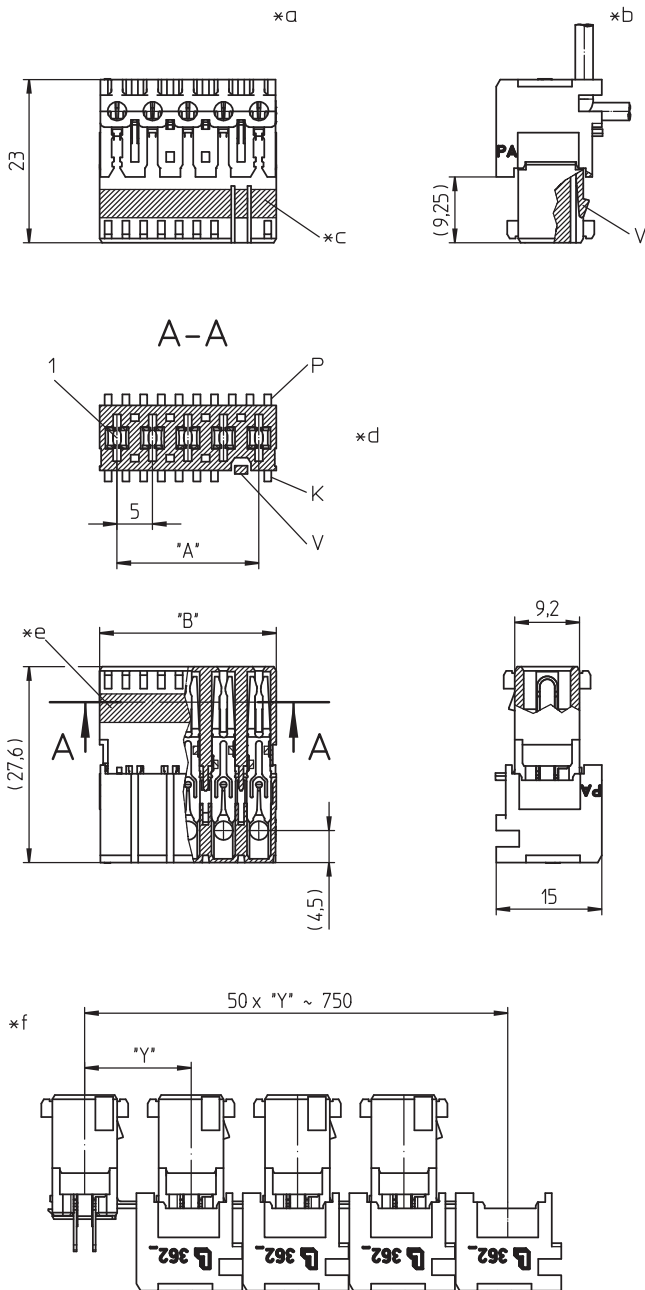


RAST 5 connector for indirect mating, insulation displacement technology (IDT), with interior locking, consecutive placement without loss of pitch

Approvals:  

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3626



Environmental conditions

Temperature range	-40 °C/+125 °C – 3626 (S...V...)
	-40 °C/+130 °C – 3626 M08(S...V...)
	-40 °C/+130 °C – 3626 M20(S...V...) ¹

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

Materials

Insulating body	PA, V-2 according to UL94 – 3626 (S...V...)
	PA, V-2 according to UL94 – 3626 M08(S...V...)
	PA, V-0 according to UL94 – 3626 M20(S...V...) ¹
Contact spring	CuSn, tin-plated – 3626 (M...S...)
	CuSn, silver-plated – 3626 (M...S...)

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 850 °C (0.4 mm), GWIT 775 °C (0.4 mm)

Mechanical data

Mating with	tab contact 6.3 mm x 0.8 mm according to DIN 46244
Insertion force/contact	≤ 4,0 N ¹
Withdrawal force/contact	≥ 1,0 N ¹
Keying proposals	at www.lumberg.com 

¹ measured with a polished flat steel pin, nominal thickness 0.8 mm

Connectable conductors for IDT area

Construction	discrete conductor, notched flat cable 5.0 mm
Section min.	0,22 mm ²
Section max.	1,0 mm ²
Insulation diameter	≤ 2,5 mm
Approved cables	at www.lumberg.com 

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	10 A (0.75 mm ² , T _{amb} 70 °C) – 3626 (M...V...)
	4 A (0.38 mm ² , T _{amb} 70 °C) – 3626 (M...S01(V...))
Rated voltage	250 V AC ¹
Material group	I (IEC)/0 (UL) (CTI ≥ 600) – 3626 (S...V...), 3626 M20(S...V...)
	IIIa (IEC)/2 (UL) (CTI ≥ 250) – 3626 M08(S...V...) ¹
Creepage distance	3,2 mm
Clearance	3,2 mm
Insulation resistance	> 10 GΩ

¹ according to IEC 60664/DIN EN 60664, CTI UL classification according to ANSI/UL 746A

- *a terminated connector
- *b cable departure 90° or 180°
- *c color marking blue at 3626 (M...)S01
- *d K = keying
P = positioning
V = lock
- *e optional color keying (FB)
- *f chaining of the component parts (state of delivery)

Associated products

Counterparts

 3618	 3618-1	 3618-2
 3618-3	 361899	 361899-1
 361899-2	 361899-3	 3641
 364199	 3642	 364299
 3643	 364399	 3644
 364499	 3645	 364599
 3647	 3648	 3649
 3671	 367199	 3672
 367299	 3673	 367399
 3674	 367499	 3676
 3677	 3678	 3679
 3680	 3683	

Harnessing equipment

 HA36e	 HA36e-CA	 HZ-M36
 HZ36-K	 KHP36	 VARICON 7000
 VARICON 7000-Eco	 VARICON 7000-Eco- CR	 VARICON 7000-RD

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
3626 02	2	3600	3600	5	9.9
3626 03	3	2250	2250	10	14.9
3626 04	4	1800	1800	15	19.9
3626 05	5	1350	1350	20	24.9
3626 06	6	900	1800	25	29.9
3626 07	7	900	1800	30	34.9
3626 08	8	900	1800	35	39.9
3626 09	9	450	1800	40	44.9
3626 10	10	450	1800	45	49.9
3626 11	11	450	1800	50	54.9
3626 12	12	450	1800	55	59.9

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

Packaging:

chained, in a cardboard box