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RAST 5 connectors, pitch 5.0 mm



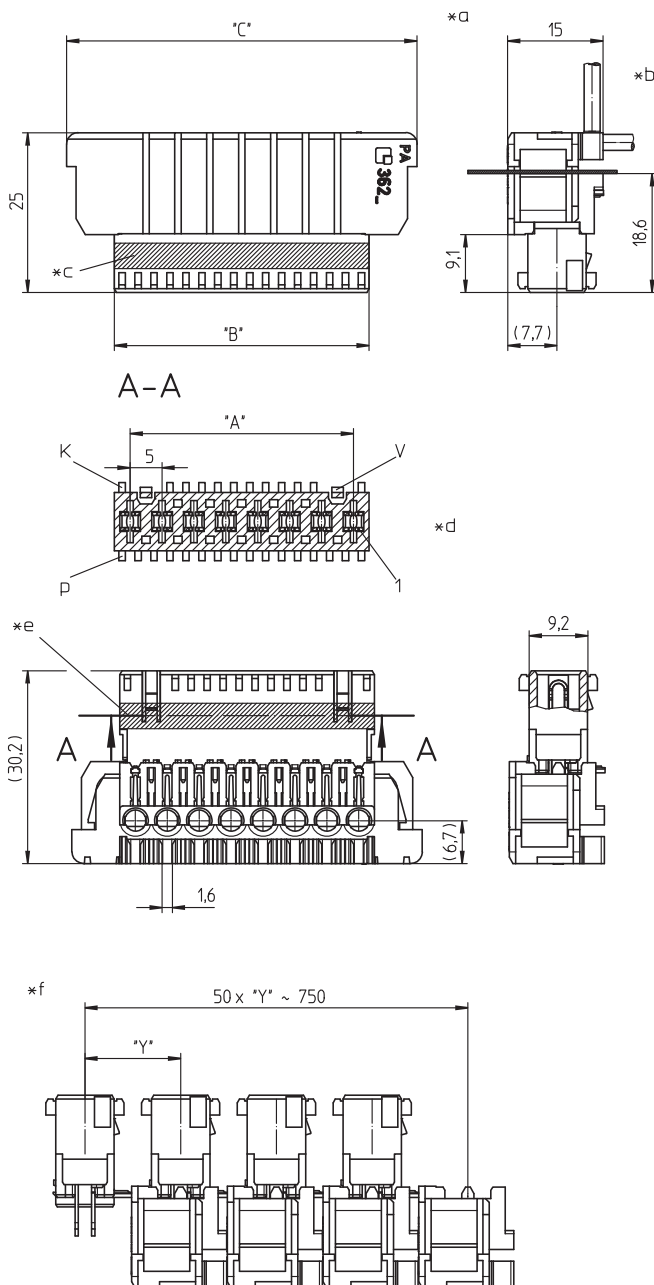
RAST 5 chassis connector for indirect mating, insulation displacement technology (IDT), with interior locking, for use in a higher temperature range

Approvals:



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Environmental conditions

Temperature range -40 °C/+150 °C – 3628-1 M05(S03)

Materials

Insulating body PA, V-2 according to UL94 – 3528-1 M05(S03)
Contact spring Cu alloy, silver-plated

Mechanical data

Mating with tab contact 6.3 mm x 0.8 mm according to DIN 46244
Insertion force/contact ≤ 4,0 N
Withdrawal force/contact ≥ 1,0 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 (1.0 mm², T_{amb} 120 °C)
Rated voltage 250 V AC
Material group II (IEC)/2 (UL) (CTI ≥ 400)
Creepage distance 4.5 mm
Clearance 4.5 mm
Insulation resistance > 10 GΩ

Associated products

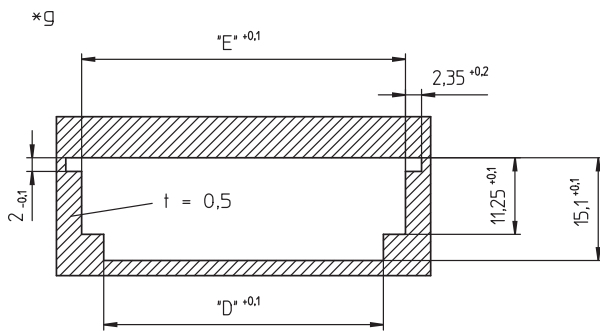
Counterparts
☞ 3647-1

Harnessing equipment

☞ HZ-M36 ☞ HZ36-K ☞ KHP36
☞ VARICON 7000 ☞ VARICON 7000-Eco ☞ VARICON 7000-Eco-CR
☞ VARICON 7000-Inline ☞ VARICON 7000-Inline-CR ☞ VARICON 7000-RD
☞ VARICON 7000-RD-CR

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- *a terminated connector, snapped into mounting plate
- *b cable departure 90° or 180°
- *c color keying option (FB) according to customer's specification
- *d K = keying
P = positioning
V = lock
- *e color marking:
3628-1 (M...)S03 brown
- *f chaining of the component parts (state of delivery)
- *g port in mounting plate

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions				
				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
3628-1 08	8	900	1800	35	39.9	54.9	411	47.6

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

Packaging:

chained, in a cardboard box