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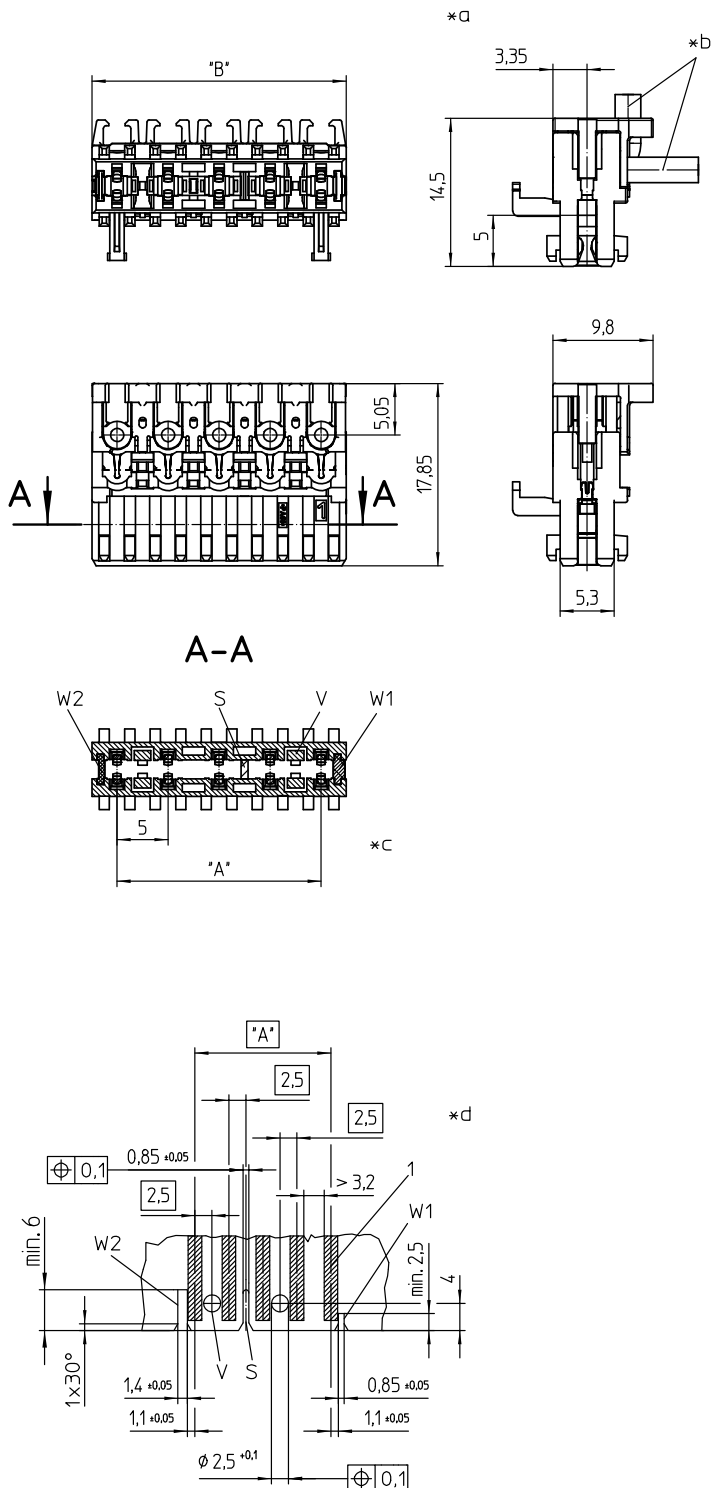
357600

RAST 2.5 connectors, pitch 2.5/5.0 mm



RAST 2.5 Power plus™ connector for direct mating, insulation displacement technology (IDT), with double-sided keying, alternatively with or without locking on printed circuit board, with or without keying rib and closed sides, consecutive placement without loss of pitch contact pitch 5.0 mm

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Environmental conditions


Temperature range	-40 °C/+130 °C ¹
¹ upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card	

Materials


Insulating body	PA, V-0 according to UL94 ¹
Contact spring	Cu alloy, silver-plated

¹ material halogen-free, GWFI 850 °C (0.40 mm) according to IEC 60695-2-12, GWIT 775 °C (0.40 mm) according to IEC 60695-2-213

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 












Connectable conductors for IDT area

Construction	discrete conductor, notched flat cable 5.0 mm
Section min.	0,5 mm ²
Section max.	0,75 mm ²
Insulation diameter	≤ 2,5 mm
Approved cables	at www.lumberg.com 

Electrical data (at T_{amb} 20 °C)

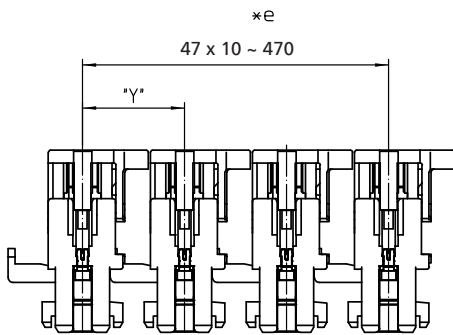
Contact resistance	≤ 10 mΩ
Rated current	6 A (T _{amb} 70 °C)
Rated voltage	400 V AC
Material group	I (IEC)/0 (UL) (CTI ≥ 600)
Creepage distance	3,2 mm
Clearance	3,2 mm
Insulation resistance	> 1 GΩ

Associated products

Harnessing equipment		
 HA3...e	 HA357 plus	 KHP35 plus
 KHP357 plus	 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
- *b cable departure
- *c S = keying
W1/W2 = positioning
V = lock
- *d example for printed circuit board layout
- *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)
357600 02	2	3456	3456	5	9.9
357600 03	3	2160	2160	10	14.9
357600 04	4	1728	1728	15	19.9
357600 05	5	1296	1296	20	24.9
357600 06	6	864	864	25	29.9
357600 07	7	864	864	30	34.9
357600 08	8	864	864	35	39.9