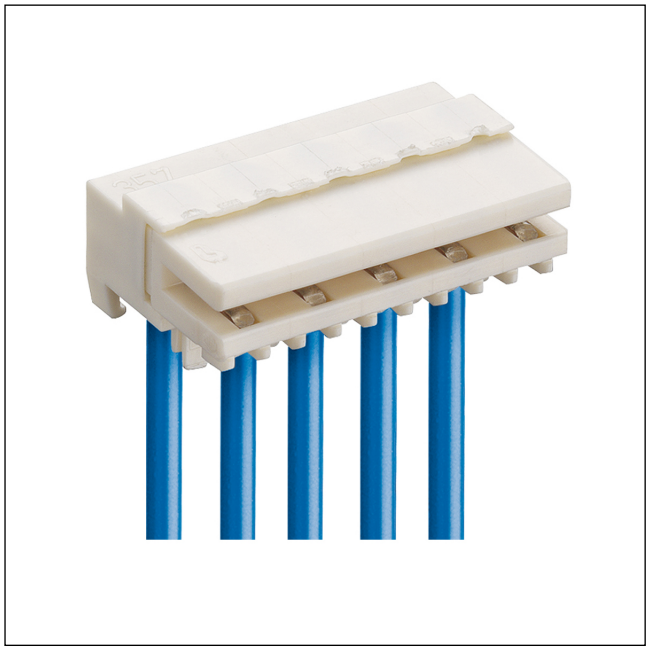
35 3570

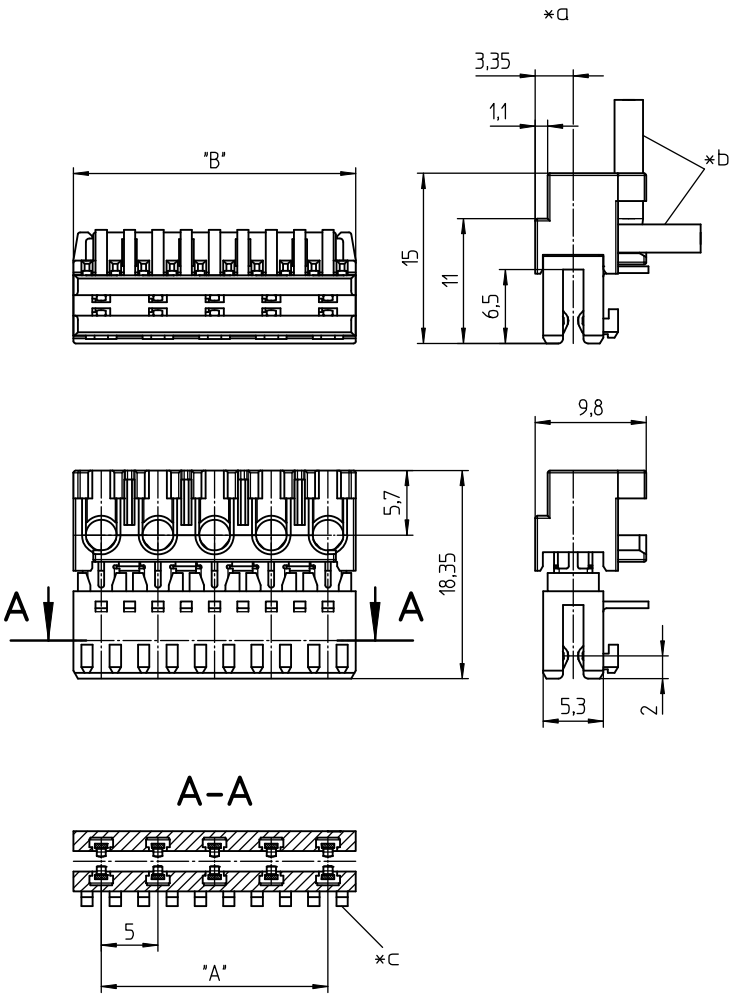
RAST 2.5 connectors, pitch 2.5/5.0 mm



RAST 2.5 Power connector for direct and indirect mating,
insulation displacement technology (IDT)
contact pitch 5.0 mm

Approvals:

35 3570



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	PBT GF, V-0 according to UL94 – 3570 (V...) PA, V-2 according to UL94 – 3570 M09(V...) [1]
Contact spring	Cu alloy, silver-plated – 3570 (M...) Cu alloy, tin-plated (Sn/Ag) – 3570 (M...)V03

[1] M09: component glow wire resistant (GWT 750 °C), testing acc. to IEC 60695-2-11, assessment acc. to IEC 60335-1 (flame < 2 s)

Mechanical data

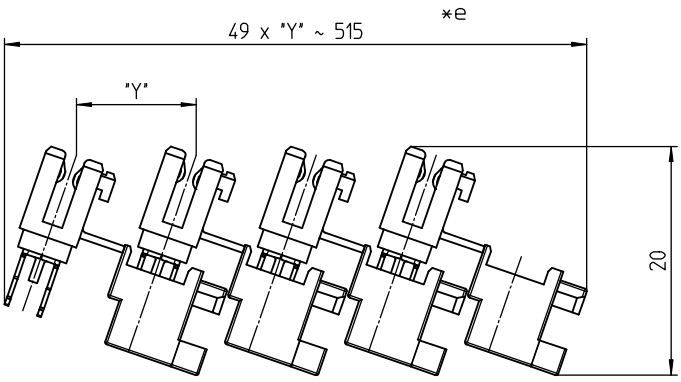
Mating with	printed circuit board 1.5 ± 0.14 mm
Keying proposals	at www.lumberg.com

Connectable conductors for IDT area

Construction	discrete conductor, notched flat cable 5.0 mm
Section min.	0,35 mm²
Section max.	0,82 mm²
Insulation diameter	≤ 2,5 mm
Approved cables	at www.lumberg.com

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	3570 (M...): 6 A (T_U 70 °C) 10 A (indirekt gesteckt, 2- bis 5-polig) 3570 (M...)V03: 6 A (T_U 70 °C, max. 4 Pole bestromt)
Rated voltage	400 V AC
Material group	IIIa (IEC)/2 (UL) (CTI ≥ 250)
Creepage distance	≥ 4,0 mm
Clearance	≥ 4,0 mm
Insulation resistance	> 1 GΩ



*a terminated connector
*b cable departure
*c keying
*e chaining of the component parts (state of delivery)

Associated products

Counterparts

- 3542
- 3542-1
- 3546
- 3546-1
- 3552
- 355295
- 355299
- 3556
- 83546

Harnessing equipment

- HA3...e
- HA357e
- HA357e-CA
- HZ-M357
- KHP357

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
3570 02	2	3528	3528	5	9.9
3570 03	3	2352	2352	10	14.9
3570 04	4	1764	1764	15	19.9
3570 05	5	1176	2352	20	24.9
3570 06	6	1176	2352	25	29.9
3570 07	7	882	2646	30	34.9
3570 08	8	882	2646	35	39.9
3570 09	9	588	2352	40	44.9
3570 10	10	588	2352	45	49.9

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

Packaging:
chained, in a cardboard box