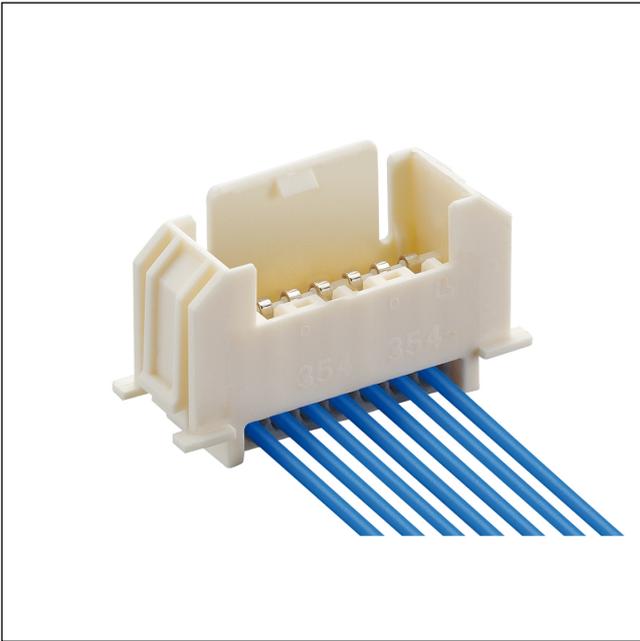


35

3545-1

RAST 2.5 connectors, pitch 2.5/5.0 mm



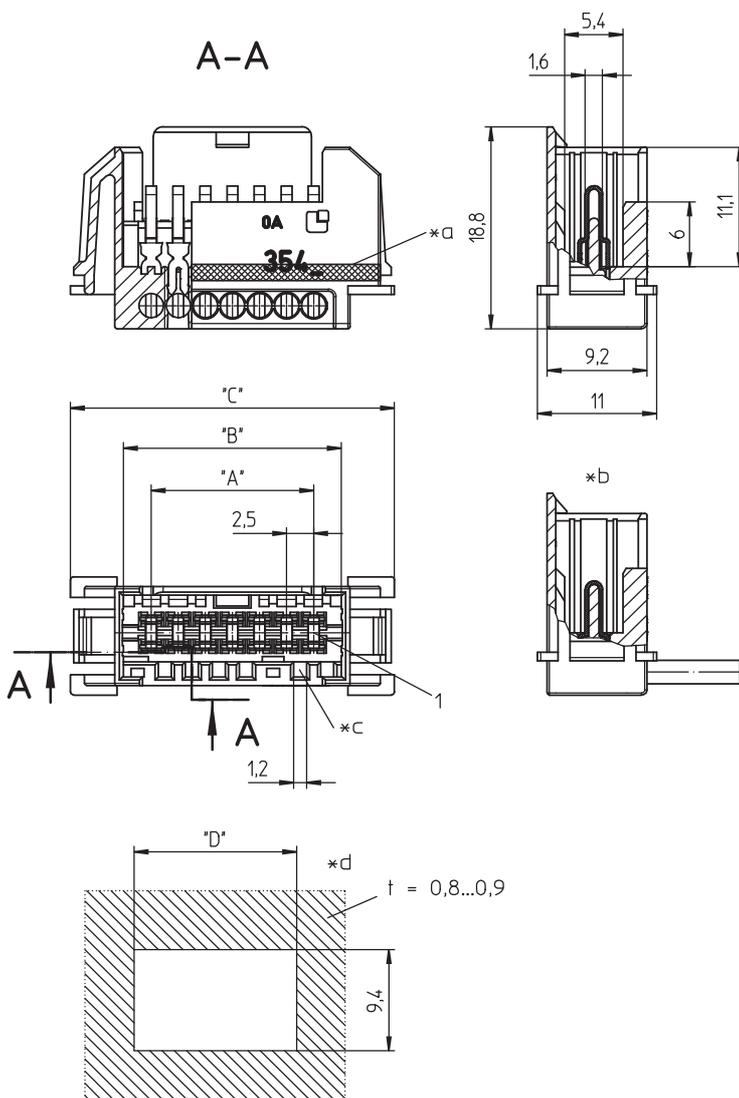
RAST 2.5 chassis pin header, insulation displacement technology (IDT), with locking latch
contact pitch 2.5 mm

Approvals:



35

3545-1



- *a blue color marking on 3545-1 (M...)S01
- *b terminated connector
- *c keying
- *d port in mounting plate

Environmental conditions

Temperature range -40 °C/+120 °C¹

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

Materials

Insulating body PA GF, V-0 according to UL94 – 3545-1 M13S01¹

Contact pin CuSn, tin-plated

¹ 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

Keying proposals [at www.lumberg.com](http://www.lumberg.com) 

Connectable conductors for IDT area

Construction discrete conductor, notched flat cable 2.5 mm

Section max. 0.50 mm²

Insulation diameter ≤ 2.2 mm

Approved cables [at www.lumberg.com](http://www.lumberg.com) 

Electrical data (at T_{amb} 20 °C)

Rated current 4 A (T_{amb} 60 °C, VDE)
2 A (T_{amb} 110 °C, VDE)
4 A (0.34 mm², cULus)
2 A (0.25 mm², cULus)

Rated voltage 32 V AC¹

Material group IIIa (IEC)/2 (UL) (CTI ≥ 250)¹

Creepage distance 1.32 mm

Clearance 1.50 mm

Insulation resistance > 1 GΩ

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

Associated products

Counterparts
 3521  3521-2  352100

Harnessing equipment
 HA3...e  HA354e-ST  HZ354
 KHP354  VARICON 7000  VARICON 7000-DC
 VARICON 7000-DC-CR  VARICON 7000-Eco  VARICON 7000-Eco-CR
 VARICON 7000-Inline  VARICON 7000-Inline-CR  VARICON 7000-RD
 VARICON 7000-RD-CR

35

3545-1



Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions			
				A (mm)	B (mm)	C (mm)	D (mm)
3545-1 02	2	500	1000	2.5	7.6	17.4	15.0
3545-1 03	3	500	1000	5.0	10.1	19.9	17.5
3545-1 04	4	500	1000	7.5	12.6	22.4	20.0
3545-1 05	5	500	1000	10.0	15.1	24.9	22.5
3545-1 06	6	500	1000	12.5	17.6	27.4	25.0
3545-1 07	7	500	1000	15.0	20.1	29.9	27.5
3545-1 08	8	500	1000	17.5	22.6	32.4	30.0
3545-1 09	9	500	1000	20.0	25.1	34.9	32.5
3545-1 10	10	500	1000	22.5	27.6	37.4	35.0
3545-1 11	11	500	1000	25.0	30.1	39.9	37.5
3545-1 12	12	500	1000	27.5	32.6	42.4	40.0
3545-1 13	13	500	1000	30.0	35.1	44.9	42.5
3545-1 14	14	500	1000	32.5	37.6	47.4	45.0
3545-1 15	15	500	1000	35.0	40.1	49.9	47.5
3545-1 16	16	500	1000	37.5	42.6	52.4	50.0
3545-1 17	17	500	1000	40.0	45.1	54.9	52.5
3545-1 18	18	500	1000	42.5	47.6	57.4	55.0
3545-1 19	19	500	1000	45.0	50.1	59.9	57.5
3545-1 20	20	500	1000	47.5	52.6	62.4	60.0

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

Packaging:

in bulk, in a cardboard box – in bar stock carriers upon request