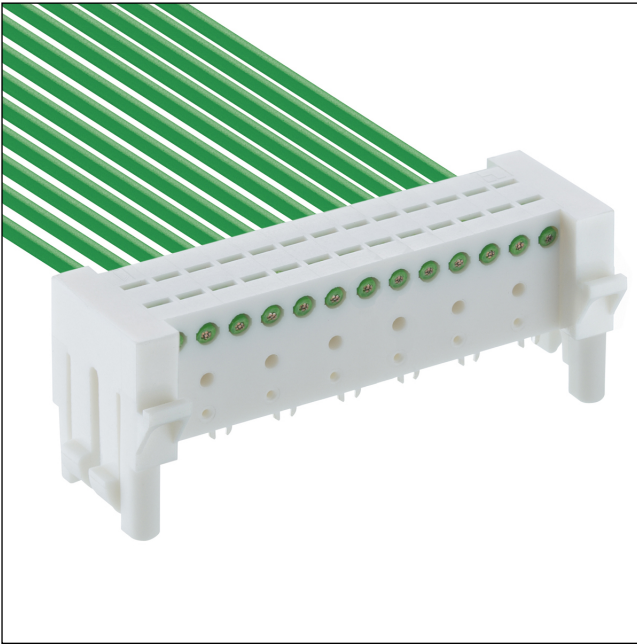


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SmartSKEDD direct connectors, pitch 2.5 mm

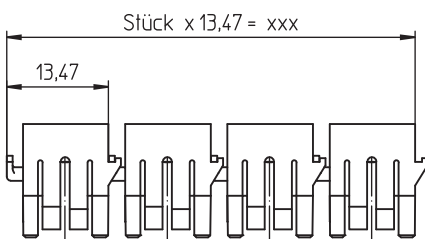
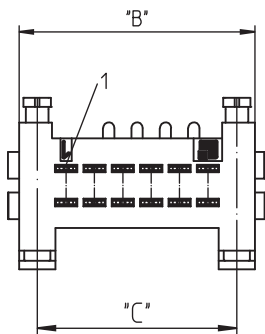
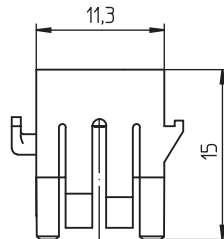
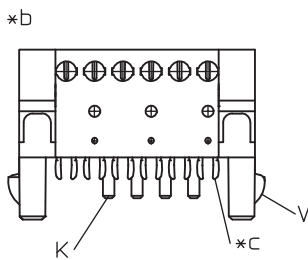
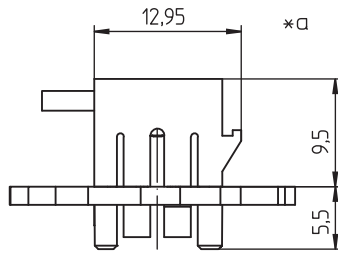
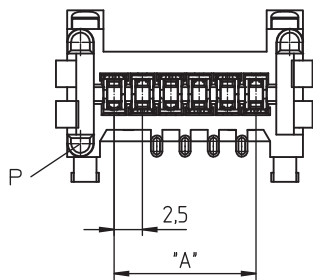


SmartSKEDD direct connector, insulation displacement technology (IDT), with keying pins, positioning spigot and locking on the printed circuit board
contact pitch 2.5 mm

Approvals:  pending

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Environmental conditions

Temperature range -40 °C/+130 °C¹
¹ upper limit temperature (insulating body) RTI (electrical) of the UL Yellow Card


Materials

Insulating body PBT, V-0 nach UL94¹
 Contact spring CuSn, silver-plated
¹ material halogen-free, GWFI 850 °C (0,40 mm), GWIT 775 °C (0,40 mm)

Mechanical data

Mating with printed circuit board 1.6 ± 0.14 mm
 Insertion force/contact ≤ 3 N
 Withdrawal force/contact ≥ 3 N
 Retaining force/locking ≥ 50 N

Connectable conductors for IDT area



Construction discrete conductor, notched flat cable 2.5 mm
 Section min. 0,22 mm²
 Section max. 0,38 mm²
 Insulation diameter ≤ 1.6 mm
 Approved cables at www.lumberg.com 

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 5 mΩ
 Rated current 4 A (T_{amb} 85 °C)
 Rated voltage 50 V AC¹
 Material group I (IEC)/0 (UL) (CTI ≥ 600)¹
 Creepage distance 0,60 mm
 Clearance 0,60 mm
 Insulation resistance > 1 GΩ

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

Associated products

Harnessing equipment
 HA7335e  HA7335e-CA

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions			
				A (mm)	B (mm)	C (mm)	D (mm)
733520 03	3	1575	1575	5.0	13.3	10.1	10.95
733520 04	4	1260	1260	7.5	15.8	12.6	13.45
733520 05	5	1260	1260	10.0	18.3	15.1	15.95
733520 06	6	945	945	12.5	20.8	17.6	18.45
733520 07	7	945	945	15.0	23.3	20.1	20.95
733520 08	8	945	945	17.5	25.8	22.6	23.45
733520 09	9	630	630	20.0	28.3	25.1	25.95
733520 10	10	630	630	22.5	30.8	27.6	28.45
733520 11	11	630	630	25.0	33.3	30.1	30.95
733520 12	12	630	630	27.5	35.8	32.6	33.45
733520 13	13	630	630	30.0	38.3	35.1	35.95

Packaging:

chained, in a cardboard box