



SmartSKEDD[™] direct connectors, pitch 2.5/5.0 mm



SmartSKEDD direct connector, insulation displacement technology (IDT), with keying pins, positioning spigot and double locking on the printed circuit board contact pitch 5.0 mm

Approvals:

VDE pending



733510 73













*g





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 UL94 ¹			
Contact spring	CuSn, silver-plated			
¹ material halogen-free, GWFI 850 °C (0,40 mm), GWIT 775 °C (0,40 mm)				

Mechanical data

printed circuit board 1.6 ± 0.14 mm
≤ 3 N
≥ 3 N
≥ 90 N

Connectable conductors for IDT area

Construction Section min. Section max. Insulation diameter Approved cables

discrete conductor, notched flat cable 5.0 mm 0,22 mm² 0,38 mm² ≤ 1.6 mm at www.lumberg.com 🗗

Electrical data (at Tamb 20 °C)

Contact resistance	≤ 5 mΩ
Rated current	4 A (Tamb 85 °C)
Rated voltage	500 V AC ¹
Material group	l (IEC)/0 (UL) (CTI ≥ 600) ¹
Creepage distance	3,0 mm
Clearance	3,0 mm
Insulation resistance	>1GΩ

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

Associated products

Harnessing equipment ☑ HA7335e 🗗 HA7335e-CA









- *a terminated connector
- *b
- K = keying V1 = primary lock
- V2 = secondary lock
- *c SKEDD contact area
- printed circuit board layout, components side view P = positioning D = plated-through hole (Ø 1.6 mm ± 0.06 according to IEC/ EN/DIN 60352-5) *d
- *e chaining of the component parts (state of delivery)
- *f secondary lock, pluggable in position "lock" (state of delivery)
- locking pin shifted by 2.5 mm from center towards Lumberg *g logo





Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions			
				A (mm)	B (mm)	C (mm)	D (mm)
733510 02	2	945	945	10.0	18.3	15.1	16.0
733510 03	3	945	945	15.0	23.3	20.1	21.0
733510 04	4	630	630	20.0	28.3	25.1	26.0
733510 05	5	630	630	25.0	33.3	30.1	31.0
733510 06	6	630	630	30.0	38.3	35.1	36.0

Packaging:

chained, in a cardboard box