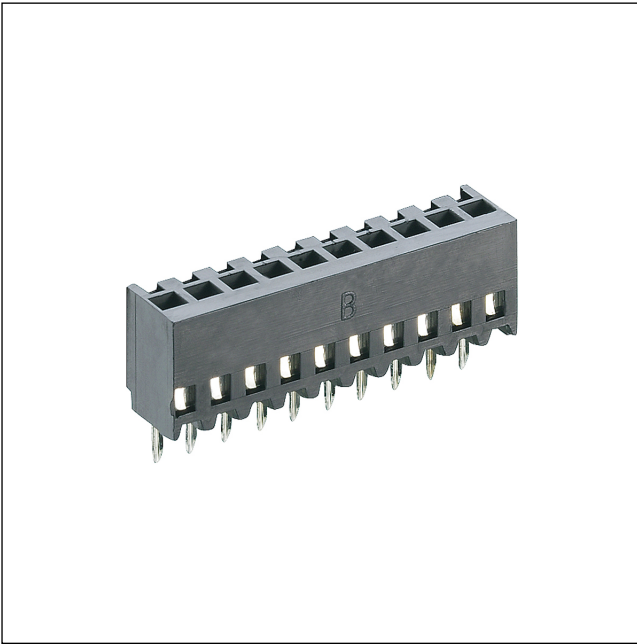


31

2,5 MB

Minimodul™ connectors, pitch 2.5 mm

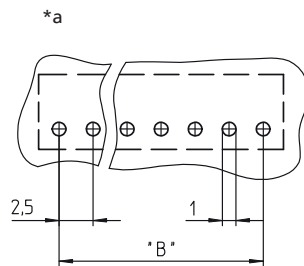
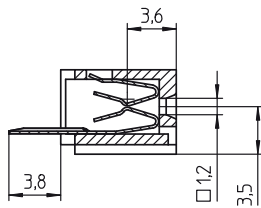
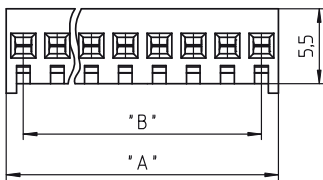
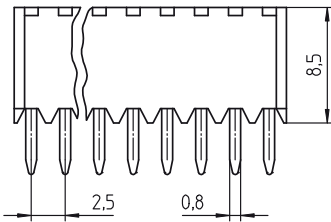


Minimodul™ socket board, consecutive placement
without loss of pitch, upright

State: Phasing out

31

2,5 MB



*a printed circuit board layout

Environmental conditions

Temperature range -40 °C/+120 °C

Materials

Insulating body PA GF, V-0 according to UL94¹

Contact spring CuSn, pre-nickel and 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

Insertion force/contact ≤ 5,0 N

Withdrawal force/contact ≥ 0,5 N

Electrical data (at T_{amb} 20 °C)

Contact resistance ≤ 10 mΩ

Rated current 5 A

Rated voltage 32 V AC

Material group IIIa (CTI ≥ 250)

Creepage distance ≥ 1,3 mm

Clearance ≥ 1,3 mm

Insulation resistance > 1 GΩ

Associated products

Counterparts

☞ 2,5 MS

Accessories

☞ MBSP

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions	
				A (mm)	B (mm)
2,5 MB 02	2	250	1000	5.0	2.5
2,5 MB 03	3	250	1000	7.5	5.0
2,5 MB 04	4	250	1000	10.0	7.5
2,5 MB 05	5	250	1000	12.5	10.0
2,5 MB 06	6	250	1000	15.0	12.5
2,5 MB 07	7	250	1000	17.5	15.0
2,5 MB 08	8	250	1000	20.0	17.5
2,5 MB 09	9	250	1000	22.5	20.0
2,5 MB 10	10	250	1000	25.0	22.5
2,5 MB 11	11	250	1000	27.5	25.0
2,5 MB 12	12	250	1000	30.0	27.5
2,5 MB 13	13	250	1000	32.5	30.0
2,5 MB 14	14	250	1000	35.0	32.5
2,5 MB 15	15	250	1000	37.5	35.0
2,5 MB 16	16	250	1000	40.0	37.5
2,5 MB 17	17	250	1000	42.5	40.0
2,5 MB 18	18	250	1000	45.0	42.5
2,5 MB 19	19	200	1000	47.5	45.0
2,5 MB 20	20	200	1000	50.0	47.5

Packaging:

in bulk, in a cardboard box