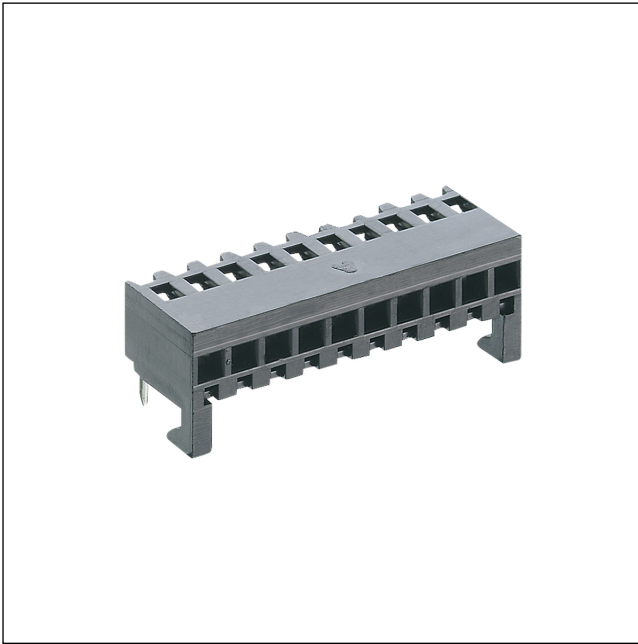


31 2,5 MBPH

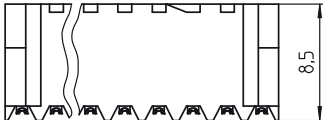
Minimodul™ connectors, pitch 2.5 mm



Minimodul™ socket board, consecutive placement
without loss of pitch, angular, with locking hooks

State: Phasing out

31 2,5 MBPH



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

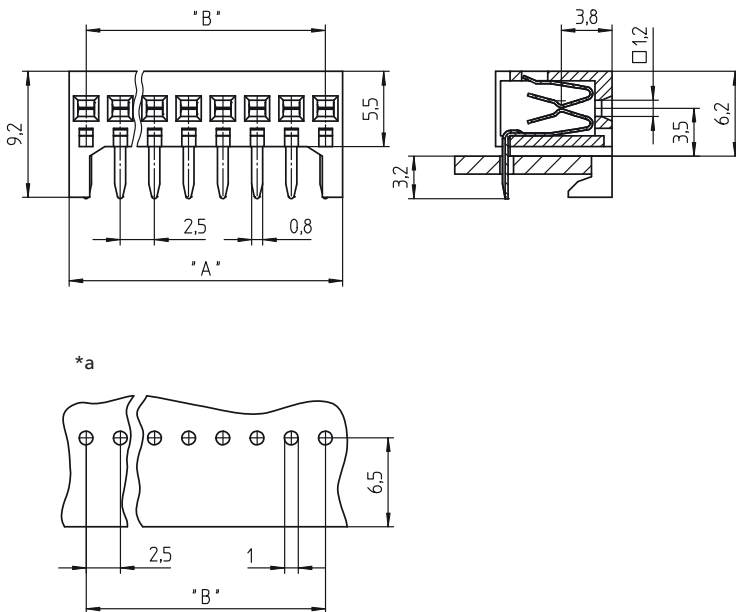
Associated products

Counterparts

☑ 2,5 MS

Accessories

☑ MBSP



*a printed circuit board layout

31 2,5 MBPH

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

Packaging:

in bulk, in a cardboard box