

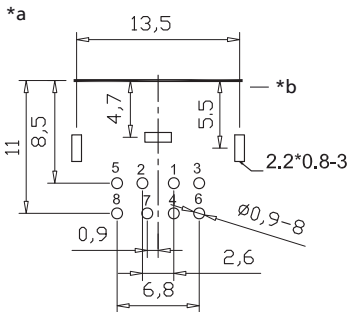
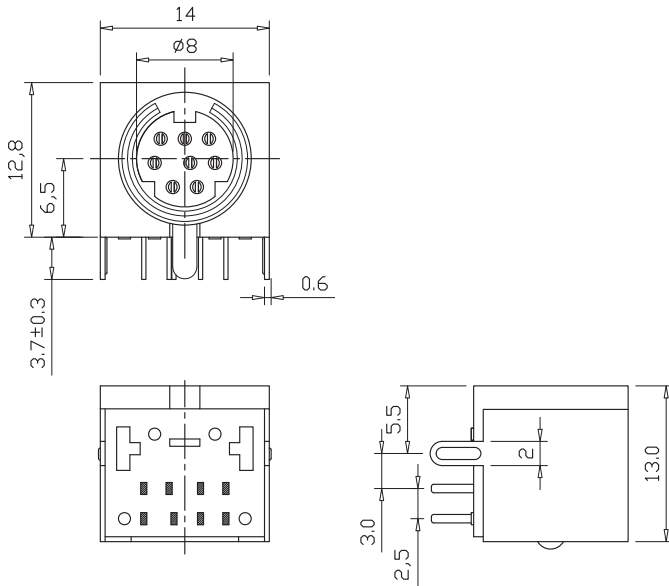
01 TM 0508 A

Miniature circular connectors

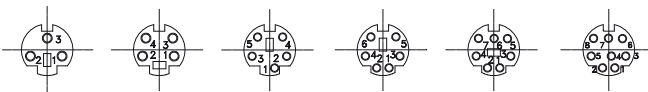


Miniature chassis socket, right angle version, shielded, for printed circuit boards

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Pin configurations



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Environmental conditions

Temperature range -25 °C/+80 °C

Materials

Insulating body PBT, V-0 according to UL94
 Contact bush Cu alloy, silver-plated/nickel-plated/tin-plated
 Housing CuZn, tin-plated
 Cover PBT, V-0 according to UL94

Mechanical data

Mating cycles 1000
 Insertion force 9,8–49 N¹
 Withdrawal force 7,8–34,3 N¹
¹ ± 30 % after test

Electrical data (at T_{amb} 20 °C)

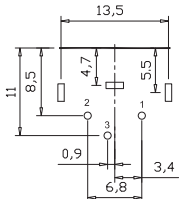
Contact resistance ≤ 30 mΩ
 Rated current ≤ 1 A AC
 ≤ 2 A DC
 Rated voltage ≤ 100 V AC
 ≤ 12 V DC
 Rated impulse voltage 250 V AC/60 s
 Insulation resistance ≥ 50 MΩ

Associated products

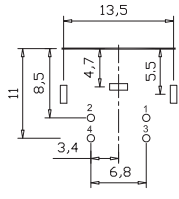
Counterparts
 ☑ MP-371

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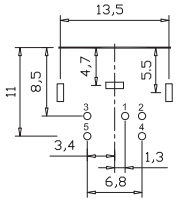
Printed circuit board layouts, solder side view



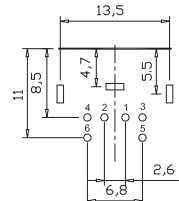
TM 0508 A/3



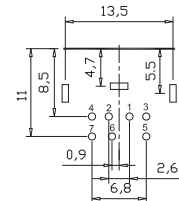
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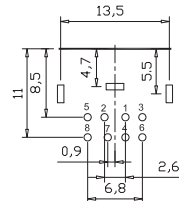
TM 0508 A/5



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TM 0508 A/7



TM 0508 A/8

*a printed circuit board layout, solder side view
*b front edge

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
TM 0508 A/4	4	125	500
TM 0508 A/6	6	125	500
TM 0508 A/7	7	125	500
TM 0508 A/8	8	125	500

Packaging:
in a tray