

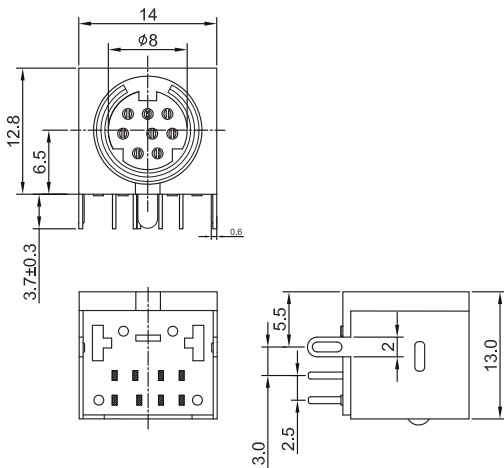
01 TM 0508 A

Miniature circular connectors

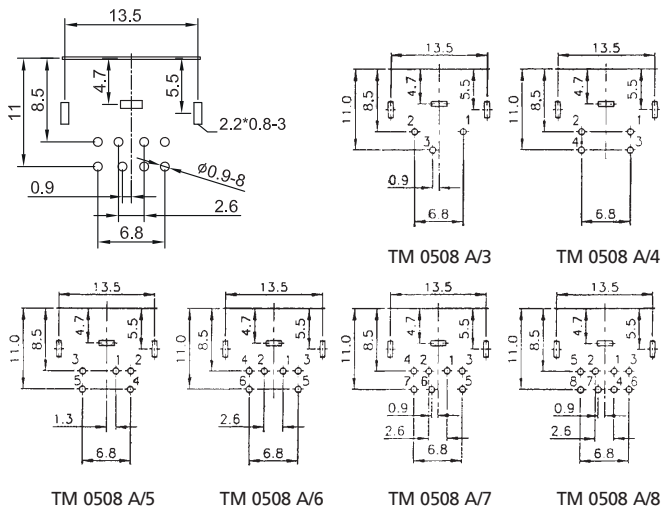


Miniature chassis socket, right angle version, shielded, for printed circuit boards

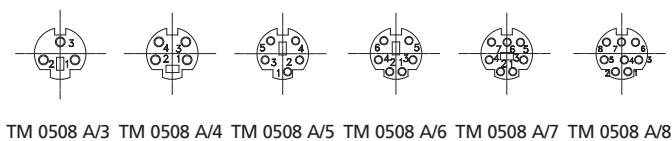
01 TM 0508 A



Printed circuit board layouts, solder side view



Pin configuration



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

01

TM 0508 A

01 TM 0508 A

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
TM 0508 A/3	3	125	500
TM 0508 A/4	4	125	500
TM 0508 A/5	5	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