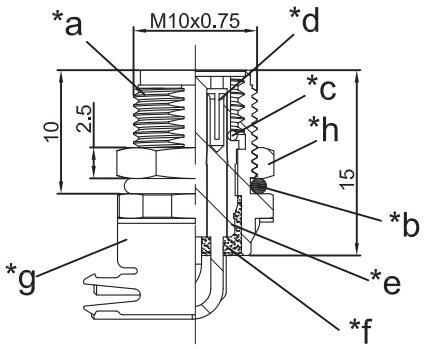
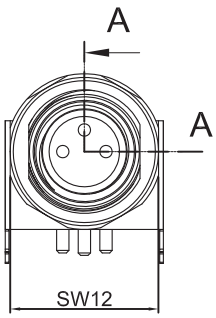
M8 0822 ...S9 T8CP

Panel Mount Connectors M8

M8 panel mount connector, angled version, female, A-coded, IP67, for rear side mounting, thread M8, with shielding contact and nut, for printed circuit boards

M8 0822 ...S9 T8CP





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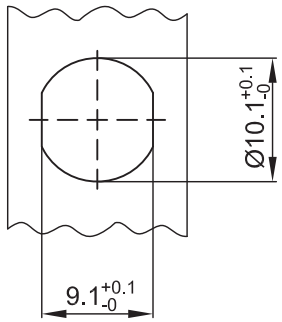


Environmental conditions

Temperature range	-25 °C/+80 °C

Materials

Insulating body	PA
Contact bush	CuZn, pre-nickel and gold-plated
Shielding contact	CuZn, nickel-plated
Hexagonal nut	CuZn, nickel-plated
Seal	NBR

Mechanical data

Mating cycles	≥ 100
Insertion force	≤ 23 N[1]
Withdrawal force	≤ 23 N[1]
Protection class	IP67[2]

[1] measured with a proper counterpart

[2] according to IEC DIN EN 60529, only in locked condition with an appropriate counterpart

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 10 mΩ
Rated current	4 A (T_{amb} 40 °C)
Rated voltage	48 V AC/60 V DC (with pollution degree 3)
Rated impulse voltage	1,5 kV
Material group	I (IEC)/0 (UL) (CTI = 600)
Insulation resistance	> 100 MΩ

Associated products

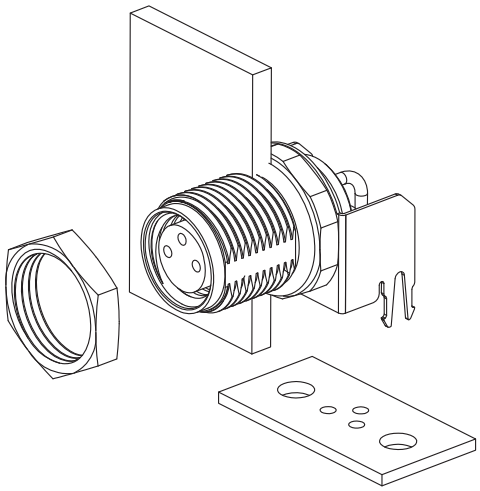
Counterparts

0810 ... 0...	0810 ... 3...	0810 0800 ... 0...
0810 0800 ... 3...	0810 0800 ... 3... sp	0810 0805 ... 3...
0810 0806 ... L1 3...	0815 ... 0...	0815 ... 3...
0815 0805 ... 3...	0815 0805 ... 3... sp	0850 ... T...CI

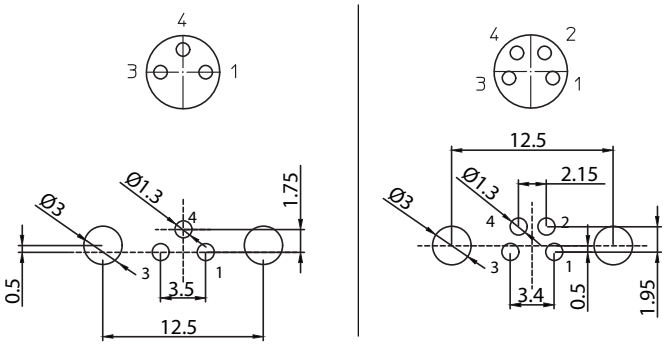
Accessories

9908 CPF0

M8 0822 ...S9 T8CP



Pin assignment and printed circuit board layouts for female M8 connectors, A-coded, front view, components side view of printed circuit board



M8 0822 ...S9 T8CP

*a housing
*b O-ring gasket
*c O-ring gasket
*d contact bush
*e insulating body
*f potting
*g ground/shielding contact
*h nut
*i port in mounting plate

M8 0822 ...S9 T8CP

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0822 03S9 T8CP	3	10	10
0822 04S9 T8CP	4	10	10

Packaging:
in a cardboard box