

no. of poles / coding	3+PE / S
contact termination	dip solder / pin
contact-Ø	4xØ1,5mm
temperature range	-40 °C / +105 °C
protection class	IP 67
mating cycles	>100

contacts / surface	CuZn / Au
contact carrier colour	PA4T black
sealing gasket	FKM

Technical drawing of a 4-pin connector. The drawing includes three views: a top view, a side view, and a front view. The top view shows a circular connector with four pins arranged in a cross pattern. The side view shows the profile of the connector with dimensions: 25.8 (total length), 18.8 (length to the start of the pins), 2.5 (pin length), and 1.3 ± 0.05 (pin diameter). The front view shows the circular connector with a diameter of 14.5. The drawing also includes dimensions for the pin spacing: 1 ± 0.05 (pin pitch) and 10 ± 0.1 (overall diameter).

All specified data refers to the mounted M12 installation plugs $\geq$ IP54 and requires that the connector pair be correctly plugged and locked. Influences from wires, cables or PCB mounting are also to be taken into consideration.

Technical drawing of a PCB layout for a 6-pin connector. The drawing shows a central 6-pin connector footprint with dimensions and tolerances.

Dimensions and Tolerances:

- Overall width: 8.5 ± 0.02
- Distance between centerlines of outer pins: 6.4 ± 0.02
- Distance between centerlines of inner pins: 4.5 ± 0.02
- Pin diameter: $\varnothing 1.4 \pm 0.05$
- Pin spacing: $\varnothing 0.1$

Note: Design of the solder holes provided by the customer, according to solder - process (THR, wave)

scale:
2:1

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order-no.:	1239191
article designation:	SACC-C I-M12MSS-4CON-L180 TOR PEX
doc.-no.:	97013045

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