

STMP PUSH PULL Circular Connectors (MIL-C-5015 STYLE)

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SPMP push-pull circular connectors

SPMP Series is a quick and steady push-pull locking, multipole connector designed for use in variety of commercial and industrial applications where reliable yet convenient electrical connectors are required.

SPMP connectors used where MIL-C-5015 connectors are specified.

SPMP, the high performance signal and power interconnection solution, is ideally suited to many commercial and industrial applications.

Housing material and plating

Aluminium alloy

Plating :

Olive drab chromate Coating over Cadmium plating

Green zinc plating

Nickel plating

Cationic electrodeposition of black paint, non conductive

Olive drab surface passivation cadmium free

Insert material and plating

High insulation synthetic rubber, oil and low temperatures resistant (-55°C to +125°C)

Contact material and plating

Copper alloy with silver or gold plating.

Contact types

solder

IP class

No IP class available, because of the military standards, but an extensive range of accessories allows these connectors to operate in any environment.

Contact lay-out

Over 200 lay-outs are available from 1 to 150 contacts.

The standard MIL-C-5015 lay-outs allow the mixing of power only and signal contacts.

Accessories

Accessories like cable clamps, sleeves, caps and gaskets are available.

Electrical characteristics

# contacts	Max current	Rated voltage	Test voltage VAC RMS	Max contact resistance
1-150	22A, 41A 73A, 135A and 245A	AC: 200V - 3,000V DC: 250V - 4,200V	AC RMS: 1,000V - 7,000V	6.0 mΩ to 0.2mΩ

Mechanical characteristics

°C	Wire size
-55°C to +125°C	AWG 0 - AWG 22 53.3 mm ² - 0.325 mm ²

