



General description

The SOL-T is a miniature sealed quick release connector with a sure push-pull locking technology, which means that the coupling nut moves back and forth when being mated or de-mated, and when the coupling nut is at rest, the connectors locked.

It has a small outside diameter offering high density platforms.

The plugs can be fitted with EMC grounding fingers for increased screening effectiveness and are supplied as over moulded cable assemblies or using a heat shrink boot.

Available for industrial and ground defence application.

Housing material and plating

Stainless steel or brass

Plating:

Olive drab chromate coating over cadmium plating

Black chromium plating

Coupler, endbell material and plating

Aluminium alloy

Plating:

Olive drab chromate coating over cadmium plating

Black chromium plating

Insert material and plating

PPA(Polyphthalamide) high temperature compound (-55°C to +125°C)

Contact material and plating

Copper alloy with silver or gold plating.

Contact types

Solder pot or pc-tail

IP class

Up to IP 67

Contact lay-out

Over 9 lay-outs are available from 2 to 19 contacts.

Lay-outs allow the mixing of contacts form 5A and 7.5A.

Accessories

Available accessories include dust-cap.

Electrical characteristics

Number of contacts	Current rating	Test voltage VAC	Insulation resistance
3 - 19	5A to 7.5A	AC r.m.s. : 500V	5000mΩ at 25°C

Mechanical characteristics

Temperature range	Durability	Wire size
-55°C to + 125°C	1000 cycles	AWG 20 - AWG 24 0.52 mm ² - 0.2 mm ²

