

## FEATURES

- Pitch spring test probe
- Pitch of 2 mm
- Length of 16.35 mm
- Phosphor bronze body material
- Gold plated
- Current rating of 3 A
- Contact resistance of 30 m $\Omega$
- Needle probe tip

## RS PRO Needle, Test Probe, 3A

RS Stock No.: 261-5193



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

When it comes to safely testing out contacts in an electrical circuit, this pitch spring test probe is an essential piece of kit. The probe consists of a spring, a plunger and a tubular barrel. It's been designed to be wired into a receptacle, which can then be housed. Separating the probe and the receptacle in this way allows you to easily replace or repair it in case of damage. The probe is 16.35 mm in length, allowing you to use its spring-loaded needle tip to safely test contacts from a distance. It's made of a strong and resilient phosphor bronze material. Its gold-plated finish enhances this further whilst also offering excellent conductivity for reliable testing.

## General Specifications

<b>Body Material</b>	Phosphor bronze
<b>Probe Tip Type</b>	Needle
<b>Body Plating</b>	Gold
<b>Applications</b>	Test lands, pads, leads and holes Penetrates oxides and fluxes as well as contaminated boards

## Electrical Specifications

<b>Current Rating</b>	3A
<b>Contact Resistance</b>	30mΩ

## Mechanical Specifications

<b>Pitch</b>	2mm
<b>Length</b>	16.35mm
<b>Minimum Centre</b>	1.9mm
<b>Recommended Hole Size</b>	Acrylic – 1.35mm [0.0531], Bakelite – 1.40mm [0.0551] Fibre Reinforced Plastic – 1.40mm [0.551]
<b>Full Stroke Spring Force</b>	+ 20% 128g [4.52oz]
<b>2/3 Stroke Spring Force</b>	+ 20% 90g [3.18oz]
<b>Full Travel</b>	2.45mm

## Approvals

Compliance/Certifications

EN61340



Dimensions: (mm)

