

## Midget spring probe [VN series] (10pcs/pack)

- This pin is pulled in / out by a spring.
- This is used for connecting a PC board to a PC board.
- This is used for taking out a signal and fitting an optional part, etc. at a narrow position.
- Material: Brass
- Finish: Gold plating over nickel base  
Nickel plating (VN9-1 only)
- Rated current: 2A [When current is flowed to the spring: 0.3 A,  
(VN-5 series only: 0.5A)]
- Contact resistance: 50mΩ or less
- Operating forces: 100g with a stroke of 0.5 mm
- Durability: 10000 times
- Operating temperature range: -20 to +100°C

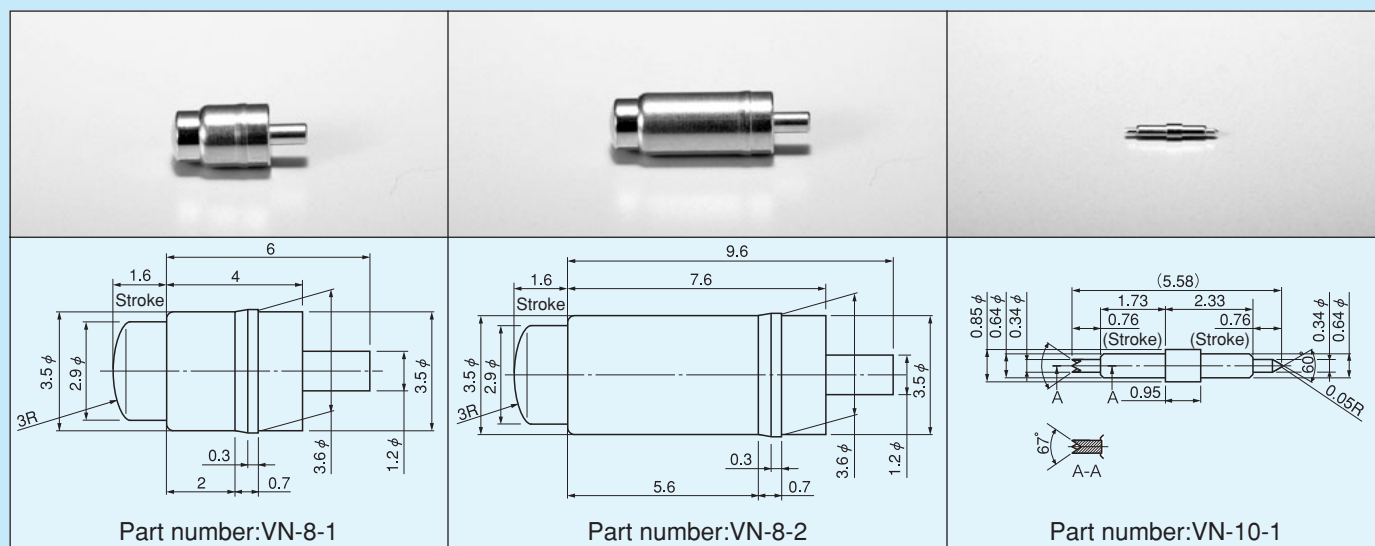
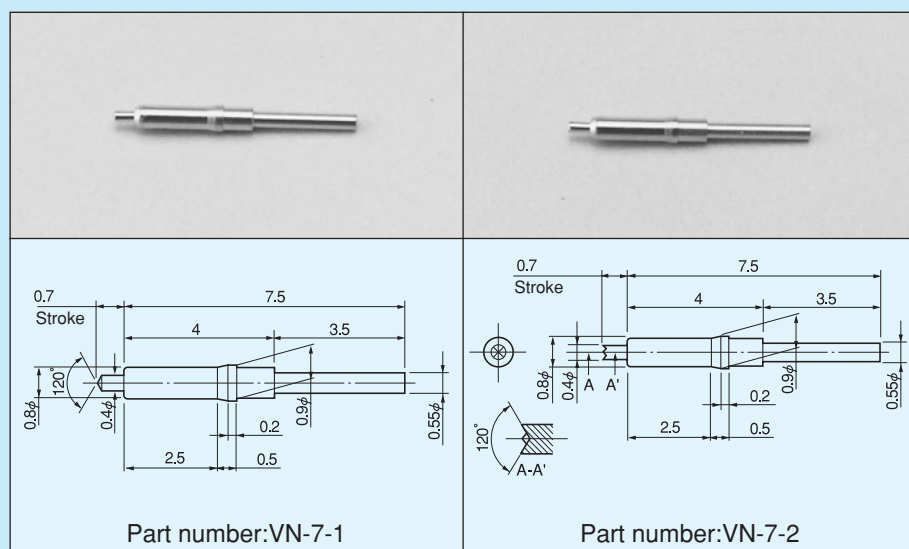
**■ Instructions for use** Due to the structure, current is occasionally flowed to the spring and this can burn and damage the spring. Please design with the current which has no problem for being applied to the spring, as much as possible. Please be careful of the inrush current when this is used for a battery, etc. Please use VB series in the case of the usage for battery.

<p>Part number:VN-2-1</p>	<p>Part number:VN-2-2</p>	<p>Part number:VN-3-1</p>
<p>Part number:VN-4-1</p>	<p>Part number:VN-4-2</p>	<p>Part number:VN-4-3</p>
<p>Part number:VN-5-1</p>	<p>Part number:VN-5-2</p>	<p>Part number:VN-9-1</p>

### Midget spring probe [VN series] (10pcs/pack)

- One side of the pin is pulled in / out by a spring.  
(In the case of VN-10-1, the both edges of the pin are pulled in / out.)
- Material Edge part: Beryllium copper (Brass: VN-8 series only)  
Main body: Brass
- Finish: Gold plating over nickel base
- Rated current VN-7 series, VN-10-1: 0.3A  
VN-8 series: 2A
- Contact resistance: 50m $\Omega$  or less
- Operating stroke: VN-7 series: 50g with a stroke of 0.5 mm  
VN-8 series: 350g with a stroke of 1.0 mm  
VN-10-1: Operable range between left and right: Total 1.14 mm,  
32g with a total stroke of 0.68 mm
- Durability: 10000 times
- Operating temperature range: -20 to +85°C

#### Part number



Report#:2019-001

18-Mar-19

Mac Eight Co., Ltd.



Approve	Approve	Made by
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### PRODUCT TERMINATION NOTIFICATION

This is an announcement that we will discontinue the following part.

We are sorry to trouble you, but we hope if customer can understand our condition.  
Below is the detail announcement.

1. Discontinue part number

Discontinue part number
VM series
VMS series
VN series

2. Reason of discontinue

Decrease from customer's PO

3. Last time buy

•30-Apr.-2020