

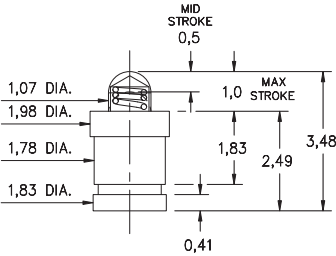
# SPRING-LOADED PINS

## DISCRETE SPRING-LOADED CONTACTS • SURFACE MOUNT

### 0910-0

0910-0-57-20-76-14-11-0

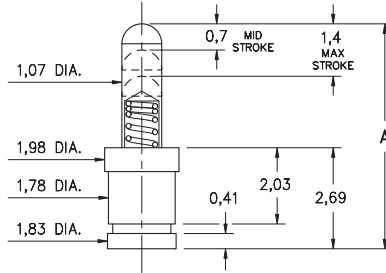
Short stroke, Surface mount  
Packaged on 16mm wide carrier tape:  
2,000 parts per 330mm reel.



### 0910-1⇒4

0910-X-57-20-75-14-11-0

Standard stroke, Surface mount  
Packaged on carrier tape.  
See chart for tape width and qty. per reel



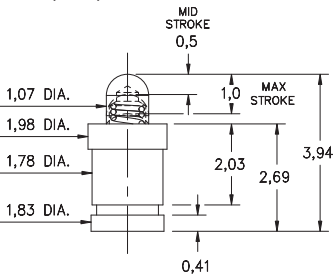
| Basic Part Number | Length A |
|-------------------|----------|
| 0910-1            | 4,5      |
| 0910-2            | 5,0      |
| 0910-3            | 5,51     |
| 0910-4            | 5,99     |

| Basic Part Number | Tape Width | Quantity per Reel |
|-------------------|------------|-------------------|
| 0910-1            | 16mm       | 1,500             |
| 0910-2            | 24mm       | 1,100             |
| 0910-3            | 24mm       | 1,100             |
| 0910-4            | 24mm       | 1,100             |

### 0910-8

0910-8-57-20-76-14-11-0

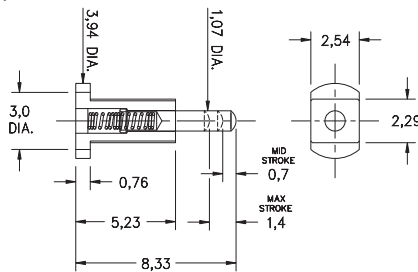
Short stroke, Surface mount  
Packaged on 16mm wide carrier tape:  
1,800 parts per 330mm reel.



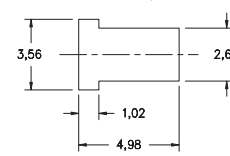
### 0967

0967-0-15-20-75-14-11-0

Standard stroke, Horizontal surface mount  
Also available on 16mm wide carrier tape: 2,200 parts per 330mm reel. Order as: 0967-0-58-20-75-14-11-0



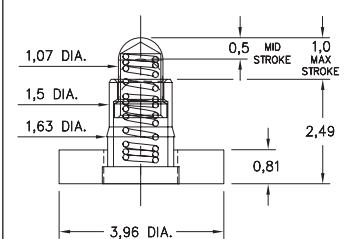
P.C.B. Layout



### 0990-0

0990-0-50-20-76-14-11-0

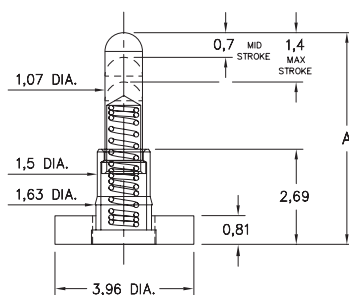
Short stroke, Surface mount, Large base



### 0990-1⇒4

0990-X-50-20-75-14-11-0

Standard stroke, Surface mount, Large base

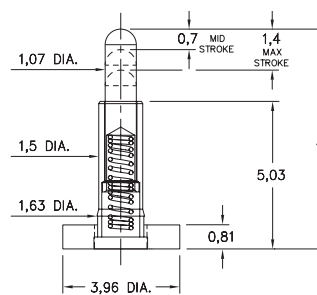


| Basic Part Number | Length A |
|-------------------|----------|
| 0990-1            | 4,5      |
| 0990-2            | 5,0      |
| 0990-3            | 5,51     |
| 0990-4            | 5,99     |

### 0997-0⇒9

0997-X-50-20-75-14-11-0

Standard stroke, Surface mount, Large base, Mid profile



| Basic Part Number | Length A |
|-------------------|----------|
| 0997-0            | 6,48     |
| 0997-1            | 6,99     |
| 0997-2            | 7,49     |
| 0997-3            | 8,0      |
| 0997-4            | 8,51     |
| 0997-5            | 8,89     |
| 0997-6            | 9,4      |
| 0997-7            | 9,91     |
| 0997-8            | 10,41    |
| 0997-9            | 10,92    |

#### Material Specifications:

**Sleeve & Plunger Material:** Copper Alloy  
**Spring Material:** Beryllium Copper  
**Sleeve & Plunger Finish:** 0,5µm Gold over Nickel  
**Spring Finish:** 0,25µm Gold over Nickel  
**Dimensions:** Millimeters  
**Tolerances On:** Lengths: ± 0,15  
Diameters: ± 0,051  
Angles: ± 2°



#### Mechanical & Electrical Specifications:

**Durability:** 1,000,000 cycles  
**Current Rating:** 2A continuous, 3A peak  
**Contact Resistance:** 20 mΩ max.  
**Environmental Specifications:**  
**Operating temperature range:** -55/+125°C  
**75, 76 Springs are not interchangeable**

Order Code: 09XX - X - XX - 20 - **7X** - 14 - 11 - 0

Spring Number

| Spring Number | Mid. Stroke | Max. Stroke | Force @ Mid. Stroke | Initial Force (Pre-Load) |
|---------------|-------------|-------------|---------------------|--------------------------|
| 75            | 0,7         | 1,4         | 60 g                | 25 g                     |
| 76            | 0,5         | 0,99        | 60 g                | 25 g                     |



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