



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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# SPRING-LOADED PINS

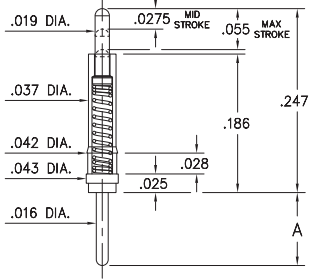
## DISCRETE SPRING-LOADED CONTACTS

### 0985

0985-X-15-20-71-14-11-0

Standard stroke

Solder mount in .019 min. mounting hole



Basic Part Number      Length A

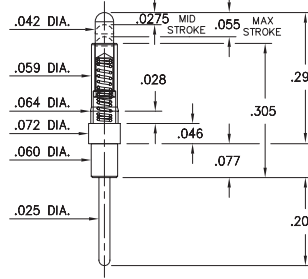
0985-0	.103
0985-1	.150
0985-2	.190

### 0922

0922-0-15-20-7X-14-11-0

Standard stroke

Solder mount in .029 min. mounting hole

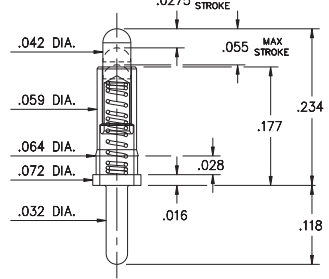


### 0956

0956-0-15-20-7X-14-11-0

Standard stroke

Solder mount in .035 min. mounting hole

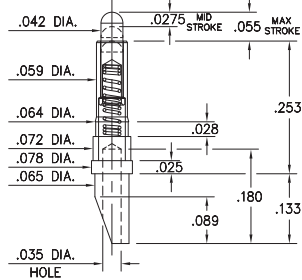


### 0933

0933-0-15-20-7X-14-11-0

Standard stroke, Soldercup

Accepts wire sizes up to 24 AWG

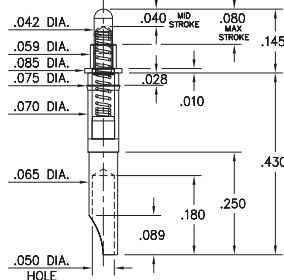


### 0973

0973-0-15-20-77-14-11-0

Long stroke, Soldercup

Accepts wire sizes up to 20 AWG

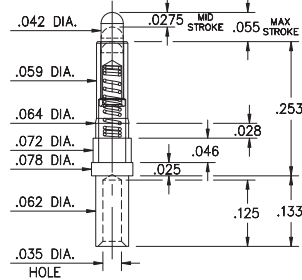


### 0962

0962-0-15-20-7X-14-11-0

Standard stroke, Wire crimp termination

for wire sizes 24 AWG Max. / 28 AWG Min.

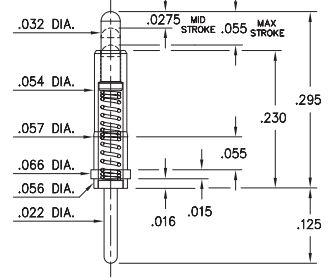


### 7911

7911-0-15-20-86-14-11-0

Standard stroke, suitable for 2mm spacing

\* Stainless steel spring

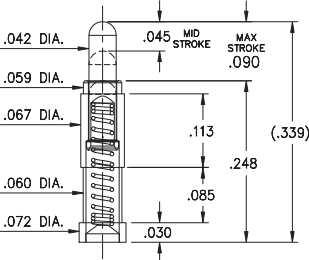


### 7966-0

7966-0-15-20-77-14-11-0

Long stroke, Surface mount

Also available on carrier tape: 1,450 parts per 13" reel. Order as: 810-22-0XX-40-005191



#### Material Specifications:

**Sleeve & Plunger Material:** Copper Alloy

**Spring Material:** BeCu or Stainless Steel 302 \*

**Sleeve & Plunger Finish:** 20 μ" Gold over Nickel

**Spring Finish:** 10 μ" Gold over Nickel

**Dimensions:** Inches

**Tolerances On:** Lengths: ± .006

Diameters: ± .002

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

**71, 75, 77, 86 Springs are not interchangeable**

Order Code: X9XX - X - 15 - 20 - XX - 14 - 11 - 0

Spring Number

Spring Number	Mid. Stroke	Max. Stroke	Force @ Mid. Stroke	Initial Force (Pre-Load)
71	.0275	.055	50 g	15 g
75	.0275	.055	60 g	25 g
77	.045	.090	60 g	25 g
* 86	.0275	.055	60 g	25 g

