

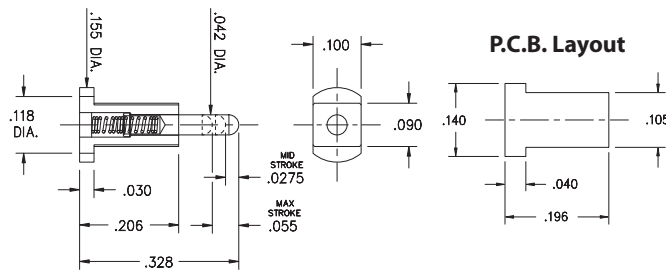
# SPRING-LOADED PINS

## DISCRETE SPRING-LOADED CONTACTS

### 0967

0967-0-15-20-7X-14-11-0

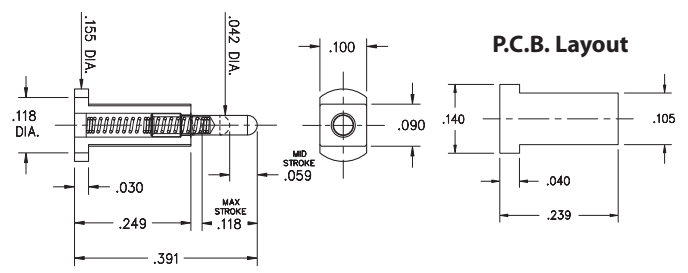
Standard stroke, Horizontal surface mount  
Also available on 16mm wide carrier tape: 2,800 parts per 13" reel  
See page 28.2 for Tape & Reel details



### 0987

0987-0-15-20-89-14-11-0

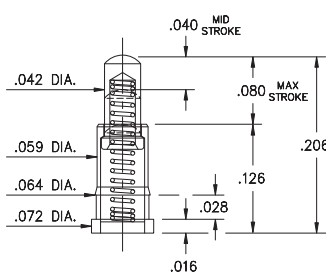
Long stroke, Horizontal surface mount  
Also available on 24mm wide carrier tape: 2,800 parts per 13" reel  
See page 28.6 for Tape & Reel details



### 0964

0964-0-15-20-85-14-11-0

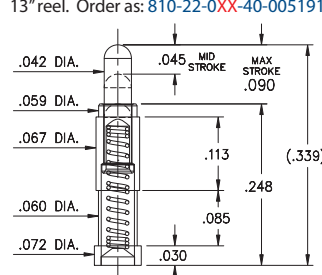
Long stroke, Surface mount, Mid profile  
\* Stainless steel spring



### 7966-0

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

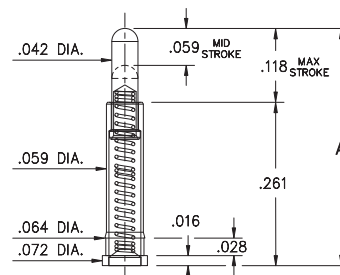
Long stroke, Surface mount. Also available in HSMT connector series: 1,450 parts per 13" reel. Order as: 810-22-0XX-40-005191



### 0919-X

0919-X-15-20-89-14-11-0

3mm (.118") Long stroke, Surface mount  
\* Stainless steel spring

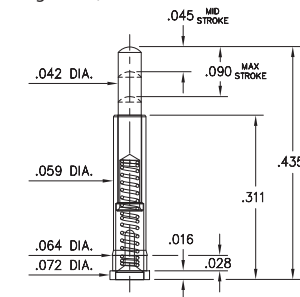


Basic Part Number	Length A
0919-0	.379
0919-2	.419

### 0937

0937-0-15-20-77-14-11-0

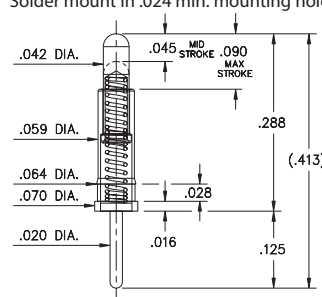
Long stroke, Surface mount



### 7913

7913-0-15-20-77-14-11-0

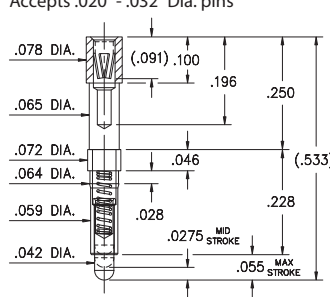
Long stroke  
Solder mount in .024 min. mounting hole



### 0959

0959-0-54-20-7X-14-11-0

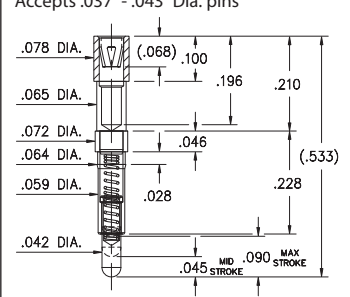
Receptacle spring pin, Standard stroke  
Accepts .020" - .032" Dia. pins



### 7928

7928-0-54-20-77-14-11-0

Receptacle spring pin, Long stroke  
Accepts .037" - .043" Dia. pins



#### 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

**75, 77, 85, 89 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)
72	.0275	.055	35 g	15 g
75	.0275	.055	60 g	25 g
77	.045	.090	60 g	25 g
* 85	.040	.080	60 g	25 g
* 89	.059	.118	100 g	25 g

