



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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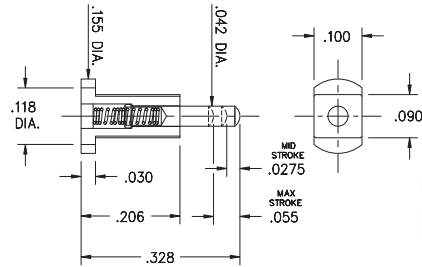
SPRING-LOADED PINS

DISCRETE SPRING-LOADED CONTACTS

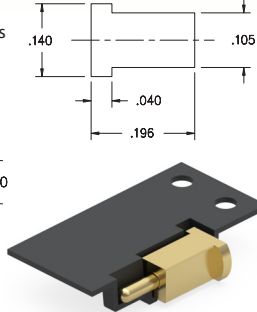
0967

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

Standard stroke, Horizontal surface mount
Also available on 16mm wide carrier tape: 2,200 parts per 13" reel. Order as: 0967-0-58-20-75-14-11-0



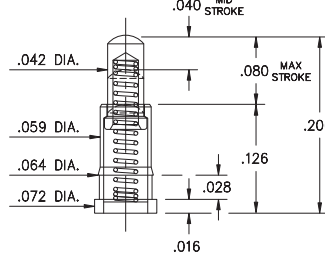
P.C.B. Layout



0964

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

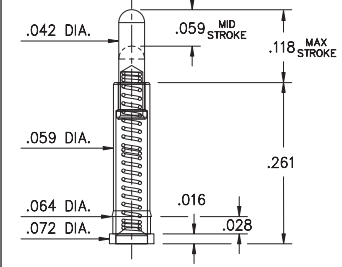
Long stroke, Surface mount, Mid profile
*Stainless steel spring



0919

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

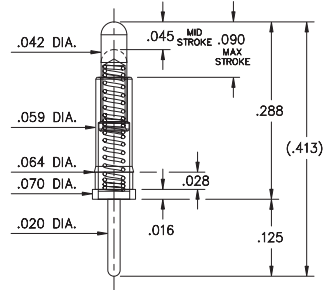
3mm (.118") Long stroke, Surface mount
*Stainless steel spring



7913

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

Long stroke
Solder mount in .024 min. mounting hole



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)
75	.0275	.055	60 g	25 g
77	.045	.090	60 g	25 g
85	.040	.080	60 g	25 g
89	.059	.118	85 g	25 g

