

SPRING-LOADED PINS

DISCRETE SPRING-LOADED CONTACTS

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| <p>0965 0965-0-15-20-80-14-11-0 Ultra low profile, Surface mount * Stainless steel spring</p> | <p>0921-0 0921-0-15-20-76-14-11-0 Ultra low profile, Short stroke Solder mount in .070 min. mounting hole</p> | <p>0921-1 0921-1-15-20-75-14-11-0 Low profile, Standard stroke Solder mount in .070 min. mounting hole</p> | <p>0926-0 0926-0-15-20-76-14-11-0 Low Profile, Short Stroke Solder mount in .074 min. mounting hole</p> |
| <p>0926-1 0926-1-15-20-75-14-11-0 Low profile, Standard stroke Solder mount in .074 min. mounting hole</p> | <p>0977 0977-0-15-20-75-14-11-0 Standard stroke, Surface mount Also available on 24mm wide carrier tape: 1,100 parts per 13" reel. Order as: 0977-0-57-20-75-14-11-0</p> | | <p>0980 0980-0-15-20-75-14-11-0 Double action, .055 Combined stroke Mount between parallel circuit boards</p> |
| <p>0959 0959-0-54-20-75-14-11-0 Receptacle spring pin, Standard stroke Accepts .020" - .032" Dia. pins</p> | | | |

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, 76, 80, 85 Springs are not interchangeable

Order Code: 09XX - 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 |
| 76 | .0195 | .039 | 60 g | 25 g |
| 80 | .012 | .024 | 70 g | 25 g |
| 85 | .040 | .080 | 60 g | 25 g |

