Spring-Loaded Connector

multicomp PRO

RoHS

Compliant





Specifications

Electrical

Current Rate : 1A Contact Resistance : $50m\Omega$

Environmental

Operating Temperature Range : -40°C to +85°C

Mechanical

Spring Force : 25gf ±20gf
Working Stroke : 1mm & 0.8mm
Durability : 10,000 cycles

Material

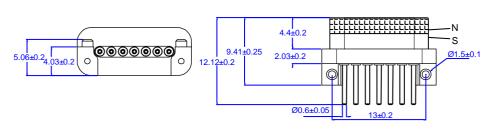
Plunger : Brass C3604, $3\mu''$ gold Plating Barrel : Brass C3604, $3\mu''$ gold Plating

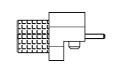
Spring : SUS304

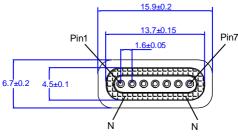
Housing : PA46+30%GF, Black

Magnet : NdFeB, N52

Diagram







General Tolerance

 $X_{.} = \pm 0.3 \text{mm}$

 $.X = \pm 0.15$ mm

 $.XX = \pm 0.1$ mm

RECOMMEND PCB LAYOU Layout Tolerance: ± 0.05mm

Part Number Table

Description	Part Number
Spring Loaded Connector, 7 Pin, 1.6mm Pitch, Male	MP011977

Dimensions: Millimetres

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