

**RoHS  
Compliant**

## Specifications

### Electrical

Current Rate : 1A  
Contact Resistance : 50mΩ

### Environmental

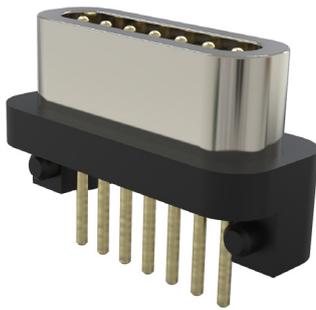
Operating Temperature Range : -40°C to +85°C

### Mechanical

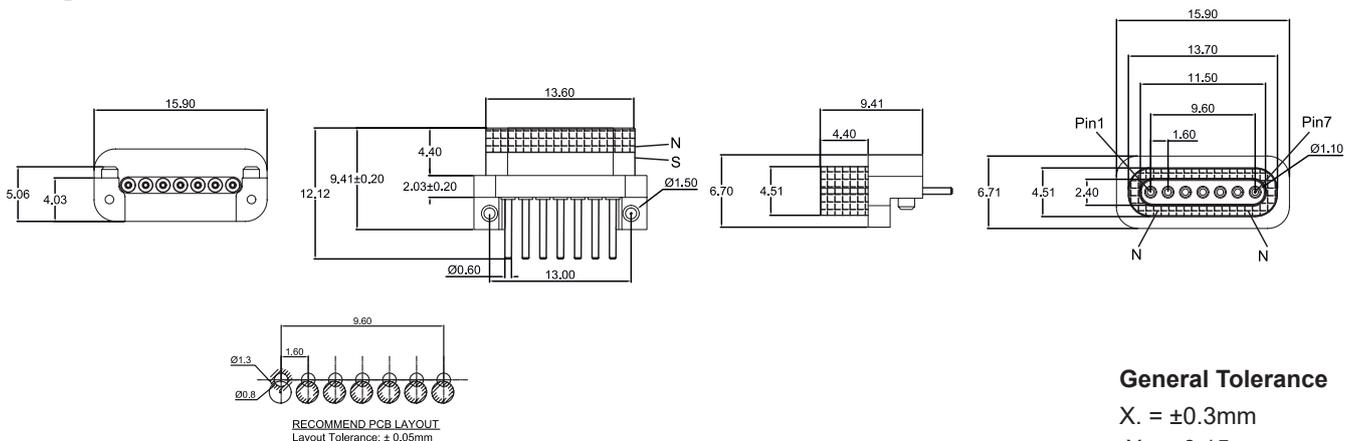
Spring Force : 25gf ±20gf  
Working Stroke : 1mm & 0.8mm  
Durability : 10,000 cycles

### Material

Plunger : Brass C3604, 3μ" gold Plating  
Barrel : Brass C3604, 3μ" gold Plating  
Spring : SUS304  
Housing : PA46+30%GF, Black  
Magnet : NdFeB, N52



## Diagram



### General Tolerance

X. = ±0.3mm  
.X = ±0.15mm  
.XX = ±0.1mm

## Part Number Table

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

Dimensions : Millimetres

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