

# Connector

## IC socket

ELECSOUND®

### Electrical:

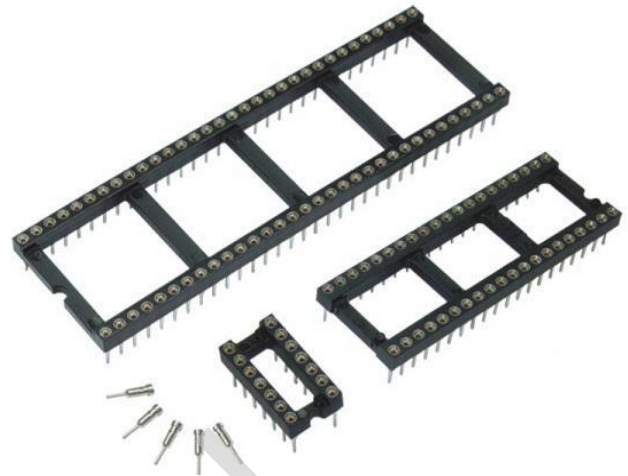
Current Rating: 3 Amp  
Contact Resistance: 20m Ohm Max.  
Withstanding Voltage: 500V AC/Minute  
Insulation Resistance: 1000M ohm Min.  
Operation Voltage: 60V DC

### Material:

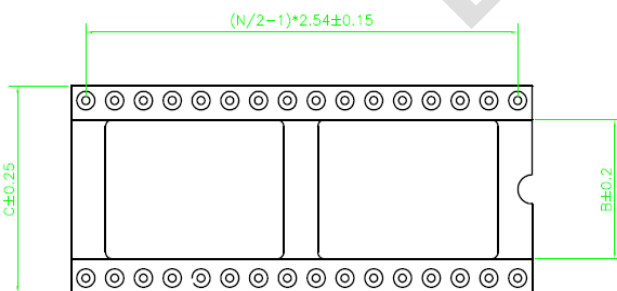
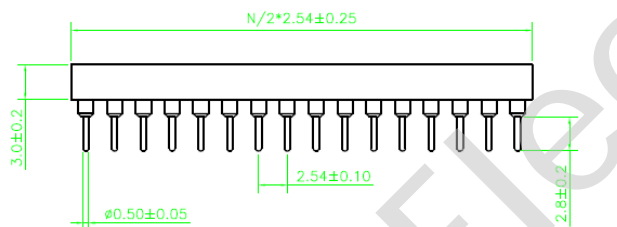
Pin: Brass, machined  
CLIP: Beryllium copper or Phosphor Bronze  
Plated (PIN): 50u" Ni, 100u" Sn (Standard)  
Plated (CLIP): 50u" Ni, GOLD flash (Standard)  
Insulator Body (black) : PPS or other (UL94V-0)

### Mechanical and Environmental

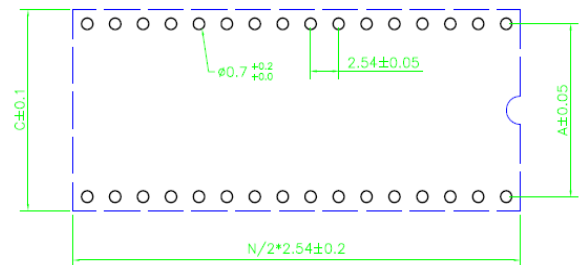
Average Insertion force with steel of D0.43mm: 250g Max.  
Average drawal force with steel of D0.43mm: 25g Min.  
Mechanical life cycle: 200 Cycles Min.  
Operation Temperature: -55°C ~ +125°C for GOLD plated  
Operation Temperature: -40°C ~ +105°C for TIN plated  
Soldering Temperature : 260°C for 10 s Max.



### DIMENSIONS



unit: mm
A: 7.62 / 10.16 / 15.24 / 22.86
B: 4.14 / 6.68 / 11.76 / 19.38
C: 10.12 / 12.66 / 17.74 / 25.36



P. C. Board Layout

