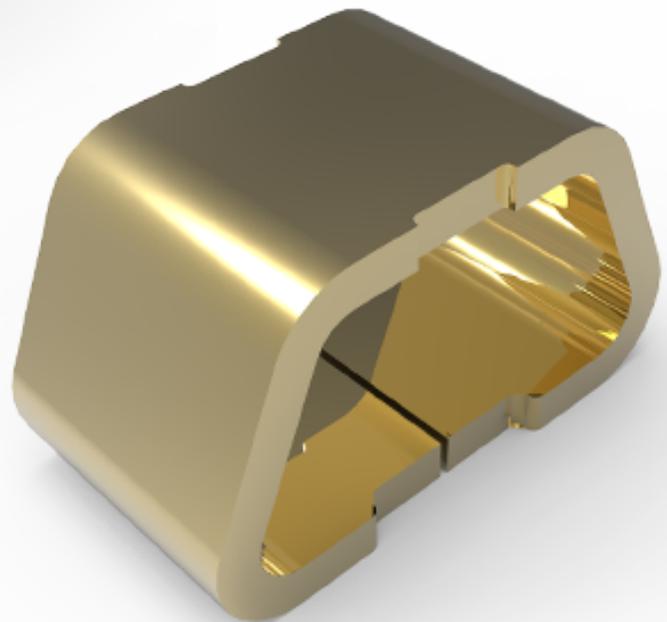N

NICOMATIC

CREATIVE
INTERCONNECT
SOLUTIONS

Product
datasheet

SMT
Test Terminal

FRENCH & EUROPEAN PATENTS
C12000 PRODUCT RANGE

ADVANTAGES

• Substantial Savings vs Traditional Pins Mounting

•No PCB Piercing, No Hole Plating & Pre-Manual Insertion or Soldering of Traditional Test Pins

• No Specific Test Probe Needed

• Can be Used as Zero Resistance

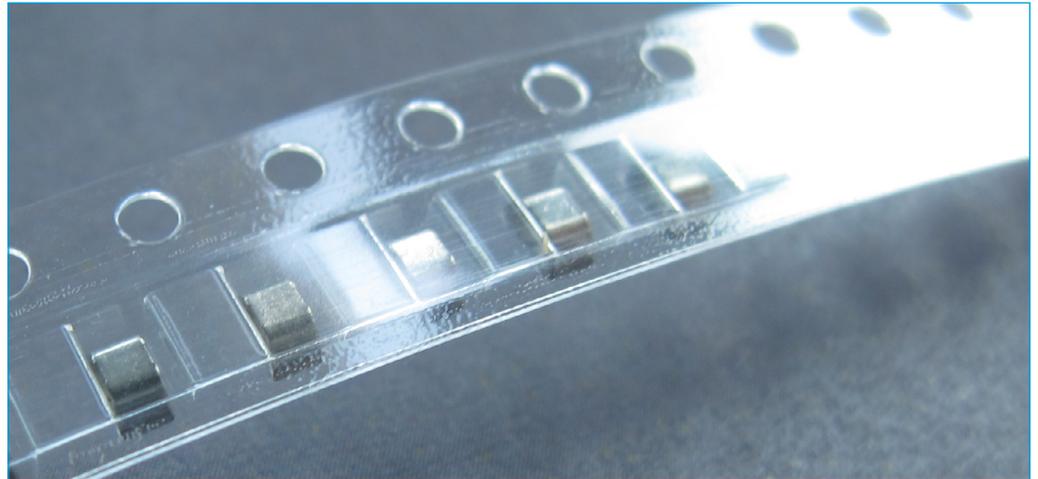• No Special Compartment Needed on Auto-Placing Machines

FUNCTIONALITIES

• Copper Alloy, RoHS Compliant

• Tin or Gold Plated Versions Available

• Packaging in Reel of 2,000 or 8,500 Parts

• SOT08-05 Standard SMD Slots

• 100% Recyclable Reel in Polycarbonate

SMD Technology

NICOMATIC test terminals are used to test zones on PCBs, separately or by comparison with another. They are designed to attach a large range of probes, test probes, oscilloscope probes at key points.

C12000 Family presents a mechanical test hook interface on the SMD PCB which enalbles the operator to clip a test probe from a test rig or oscilloscope to the PCB.

HOW TO CHOOSE YOUR TERMINAL

C12000B: Tin Plated (2K)
C12000BG: Gold Plated (2K)
C12000B-8500: Tin Plated (8.5k)

CONTACT PACKAGING

• Reeled tapes specifically designed for Pick & Place systems.
• Standard SOT08-05 (8 mm tape carrier)
• 2,000 OR 8,500 Components
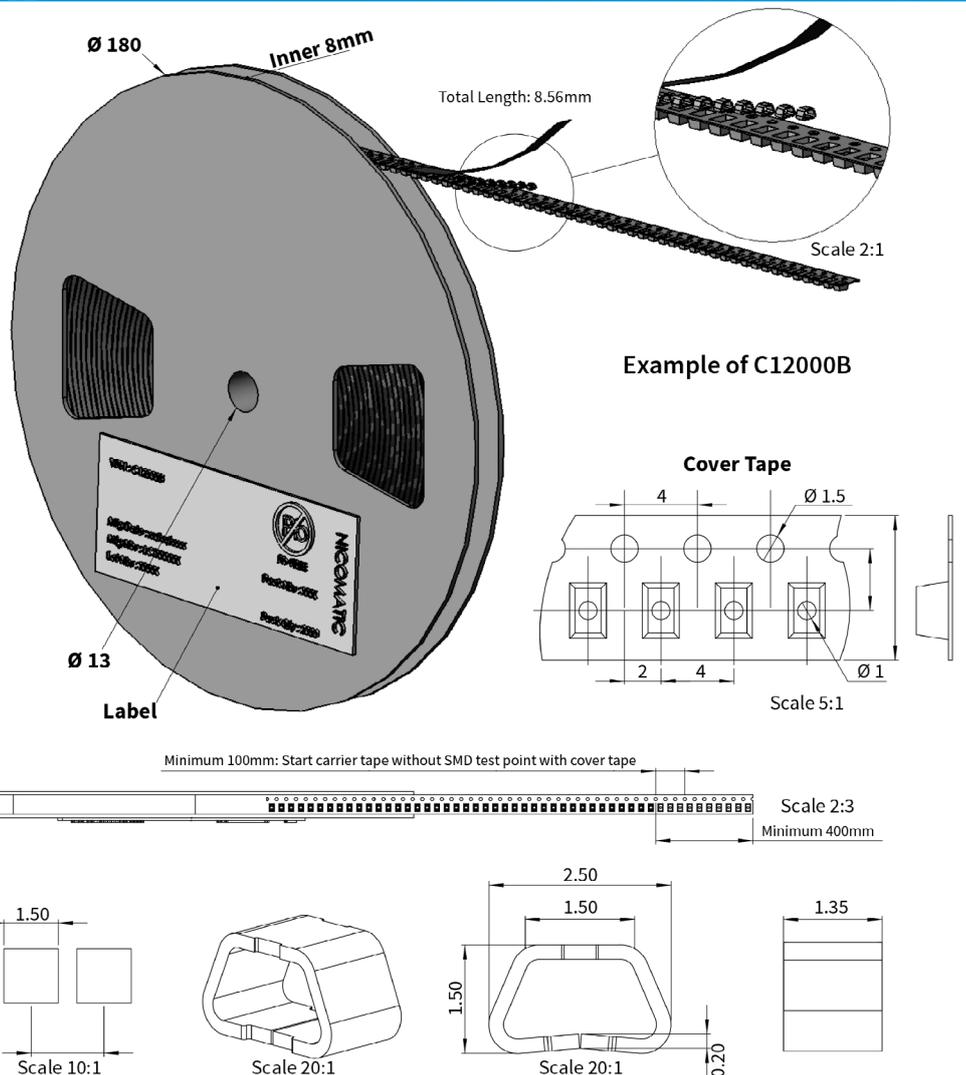• Component Size: 2.5 x 1.3 x 1.5 (mm)

WHY USE NICOMATIC

Compared to similar miniature parts available on the market, our test terminals:

• Have a larger surface for efficient soldering onto PCBs
• Less prone to oxidation thanks to pure tin bright tin plating with nickel under layer
• Allow secure multiple testing on a circuit, thanks to better material hardness

PATENT

European Patent Number: 0601 900
French Patent Number: 92.13394

Ø 180 Inner 8mm

Total Length: 8.56mm

Scale 2:1

Example of C12000B

Ø 13

Label

Cover Tape

4   Ø 1.5

2   4   Ø 1

Scale 5:1

Minimum 100mm: Start carrier tape without SMD test point with cover tape

Scale 2:3

Minimum 400mm

1.50

Scale 10:1

Scale 20:1

2.50

1.50

1.50

0.20

Scale 20:1

1.35

TECHNICAL DATA

Copper Alloy (Cu 2μ + Ni to 2μ + Sn 3 to 5μ:
Pure Tin Bright with Nickel Under Layer)
Gold: Cu 2μ + Ni 1 to 2μ + Au Flash

INSTRUCTION & DRAWINGS
available on :

www.nicomatic.com

FOR MORE INFORMATION
contact us:

france@nicomatic.com