

Prototyping board accessories: headers and socket pins

Miniwrap socket pins (Types 3 & 4)

These pins have 4-leaf spring beryllium copper inserts enabling components to be plugged directly into sockets.

Type 3 is a low-profile pin allowing components to be mounted close to the board surface

Type 4 has a higher profile allowing heat to be dissipated by convection between the components and the board

Material: All wire wrapping pins are manufactured from brass to BS249 and gold plated over a copper and nickel finish (unless otherwise stated)
Post size: 0,61 mm square, 0,86 mm diagonal.

Socket pins - typical test data
(test data shown applies to 66-3472C and 66-3505A only)

Test	Result
Terminal retention	5,4 kgf
Contact resistance	Initial 5,3mΩ average After 1000 insertions /withdrawals 6,4 mΩ av.
Low voltage	0,1 mA measured with open-circuit voltage of 10μV
Salt spray (48 Hours)	Contact resistance <15Ωm No evidence of galvanic corrosion
Humidity	No evidence of damage
Exposure to atmospheric pollution	5mΩ maximum

Miniwrap Socket Pins		Ordering information
Type	Compatible hole Ø pierced/drilled	Order code
3	-/1,45	66-3472
4	1,02/1,05	66-3505

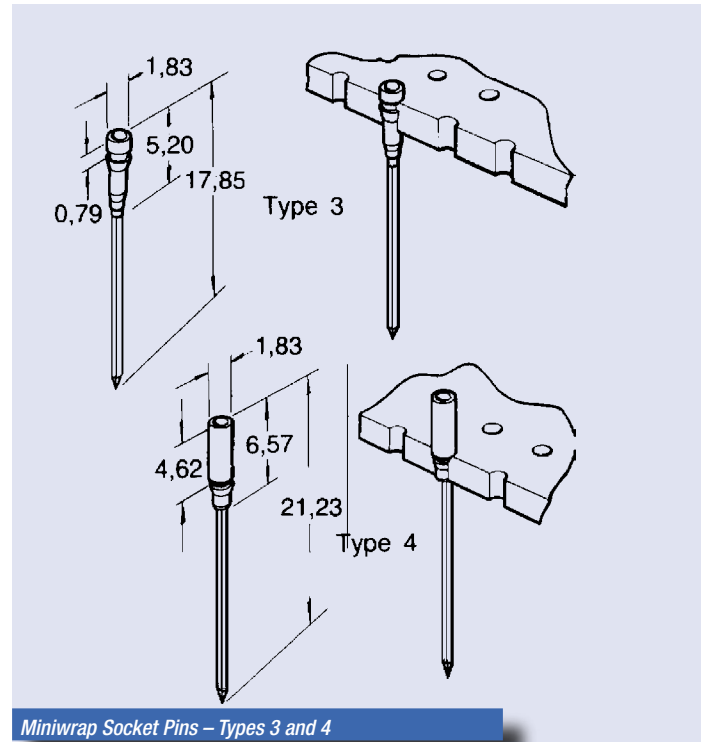
Miniwrap headed pins (Type 2)

For mounting discrete components.

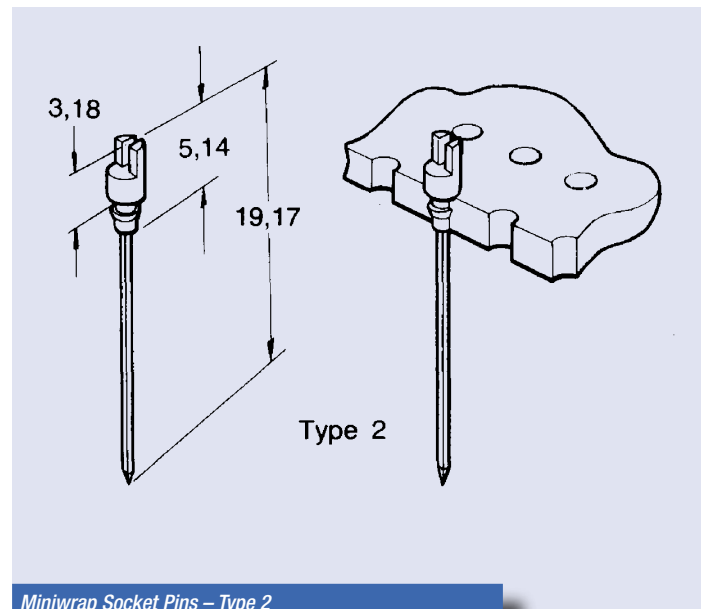
These pins feature a 0,89 mm cross-cut slot on the component side to locate component leads for assembly.

Miniwrap Headed Pins		Ordering information
Type	Compatible hole Ø pierced/drilled	Order code
2	1,02/1,05	66-3523

Supplied in packets of 100



Miniwrap Socket Pins – Types 3 and 4



Miniwrap Socket Pins – Type 2