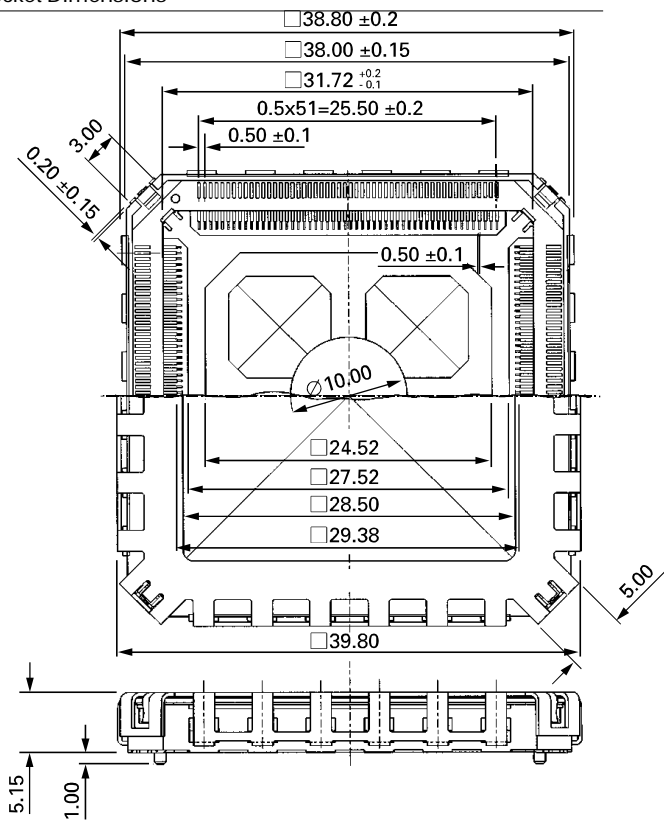


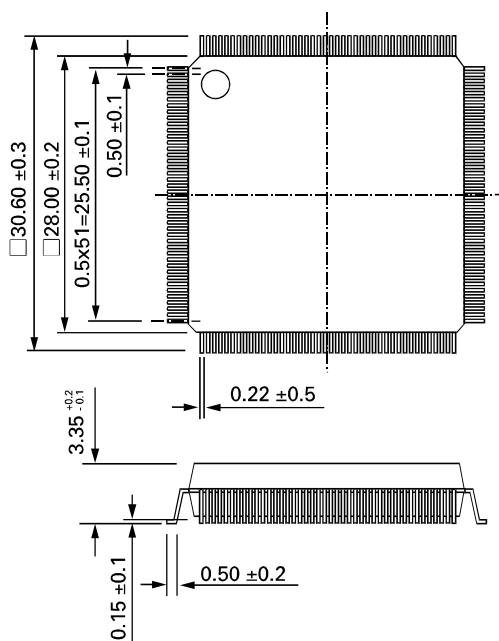
208 Pins

QFP - (52 x 52 pins) 0.5 mm pitch

Socket Dimensions



IC Dimensions



Specifications

Current Rating:	0.3 A
Rated Voltage:	50V DC
Contact Resistance:	30mΩ max. at 10mA and 20mV max.
Insulation Resistance:	500MΩ min. at 500V DC
Withstanding Voltage:	250V _{off} for 1 minute
Operating Temp. Range:	-55°C to +85°C
Mating Cycles:	10 insertions maximum
Soldering Temp. Resistance:	220°C max. for 2 minutes max. (using VPS) 200°C min. ~ 250°C max. for 1 minute max. (using IR)
Heat Resistance:	500 hours at 85°C

Materials and Finish

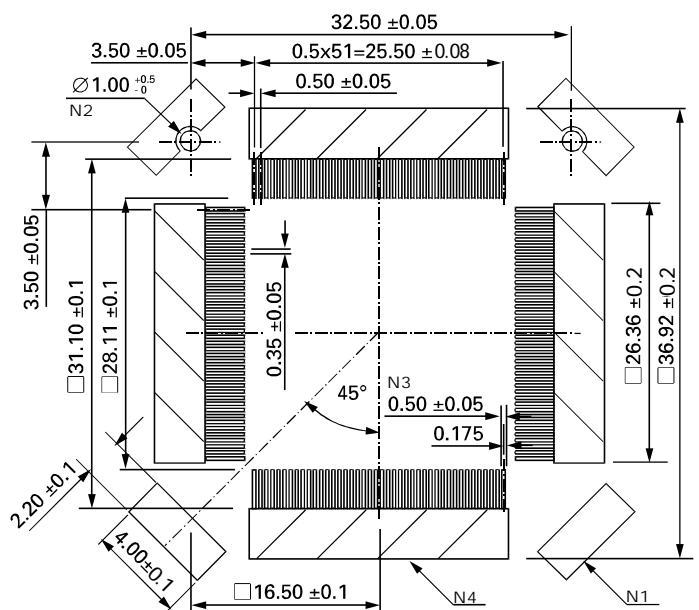
Contacts:	Copper Alloy
Insulation Housing:	PPS (UL94V-0)
Carrier:	PA66 (UL94V-0)
Cover:	Phosphoric Bronze
Plating:	SnPb 2.0 ~ 4.0 μm over Ni

Customer Information

Socket types IC198-112-210x is supplied with an IC-dummy. This dummy is useful for socket-insertion via assembly line. After mounting the socket on the PC-board, the dummy can be easily removed.

Socket PCB-Layout

Top View from Socket



Notes:

- N1:** Metal soldering Tab Clip for stabilizing the Socket by soldering in these 4 areas.
- N2:** These holes are only necessary for use with positioning pins.
- N3:** We recommend to enlarge the 8 soldering areas at the edges to enforce the contact between the Socket and the PC-Board.
- N4:** The SMT-Pads may touch the PC-Board in these areas.

Socket Part Number

IC198-208-2100 without positioning pins
IC198-208-2101 with positioning pins

Available Units

Single or Tray Packaging
Tape & Reel

Quantity/(Tray)

18
on demand