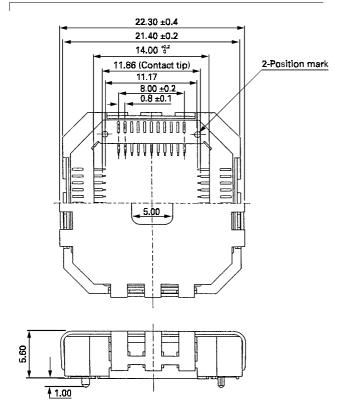
IC198 Series (SMT)

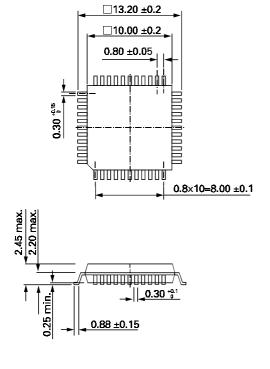
Quad Flat Package (QFP) - 44 pins

44 Pins QFP - (11 x 11) 0.8 mm pitch

Socket Dimensions



IC Dimensions



Specifications

Current Rating: 0.3 A Rated Voltage: 50V DC

Contact Resistance: $30m\Omega$ max. at 10mA

and 20mV max.

Insulation Resistance: $500M\Omega$ min. at 500V DC Withstanding Voltage: $250V_{\rm eff}$ 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)

500 hours at 85°C Heat Resistance:

Materials and Finish

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

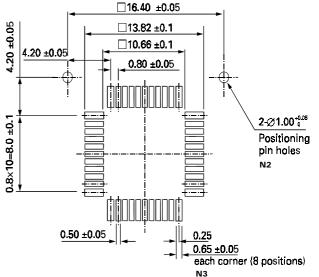
Part Number and Packing Unit (Details)

IC198-044-2000 without positioning pins IC198-044-2001 with positioning pins

Package Units	Quantity / (Tray)
Single or Tray Packaging	60
Tape & Reel	on demand

Socket PCB-Layout

Top View from Socket



Notes

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.

YAMAICHI ELECTRONICS

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