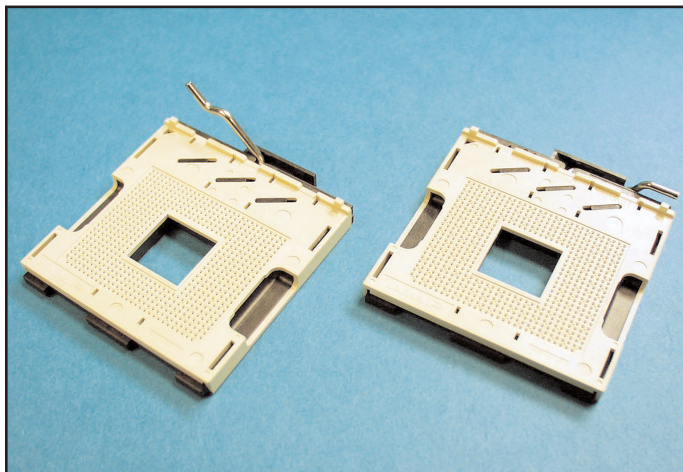


Micro PGA 604 Position Socket

DESCRIPTION

02/02 1309305

604 position, Micro Pin Grid Array (PGA) SMT ZIF socket on a 1.27mmx1.27mm contact pitch. The socket utilizes a single lever actuation method for mating and unmating the microprocessor package.



DESCRIPTION

This socket is for the next generation IA-32 (Intel Architecture – 32 bit) XEON servers and workstations. This socket will replace the current Micro PGA 603 position socket, P/Ns 1364448, 1364994 and 1364674.

KEY FEATURES

- 1.27mm x 1.27mm contact spacing.
- Zero Insertion Force for device socketing.
- Single lever handle for actuation (no tools required).
- 135 degree actuation lever travel.
- Reliable dual point of contact.
- Solder ball SMT for PCB attachment.
- Compliant contact geometry minimizes effects of thermal expansion.
- Nickel plating barrier prevents solder wicking.
- High temperature thermoplastic housing material.

PART NUMBER

- 1489688-1 (has plastic pick & place cover)
- 1489688-2 (has tape pick & place cover)
- 1489691-1 Restricted to Intel (has plastic pick & place cover)
- 1489691-2 Restricted to Intel (has tape pick & place cover)

TECHNICAL DOCUMENTS

- Product Specification: 108-1946
- Application Specification: 114-13026
- Instruction Sheet: 408-8601

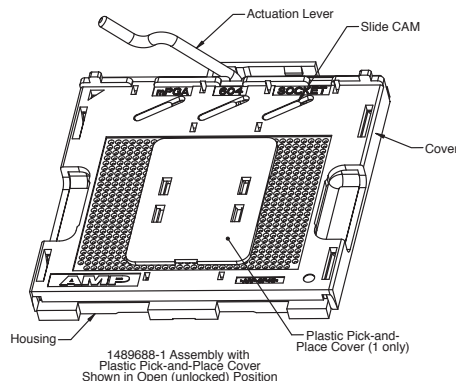
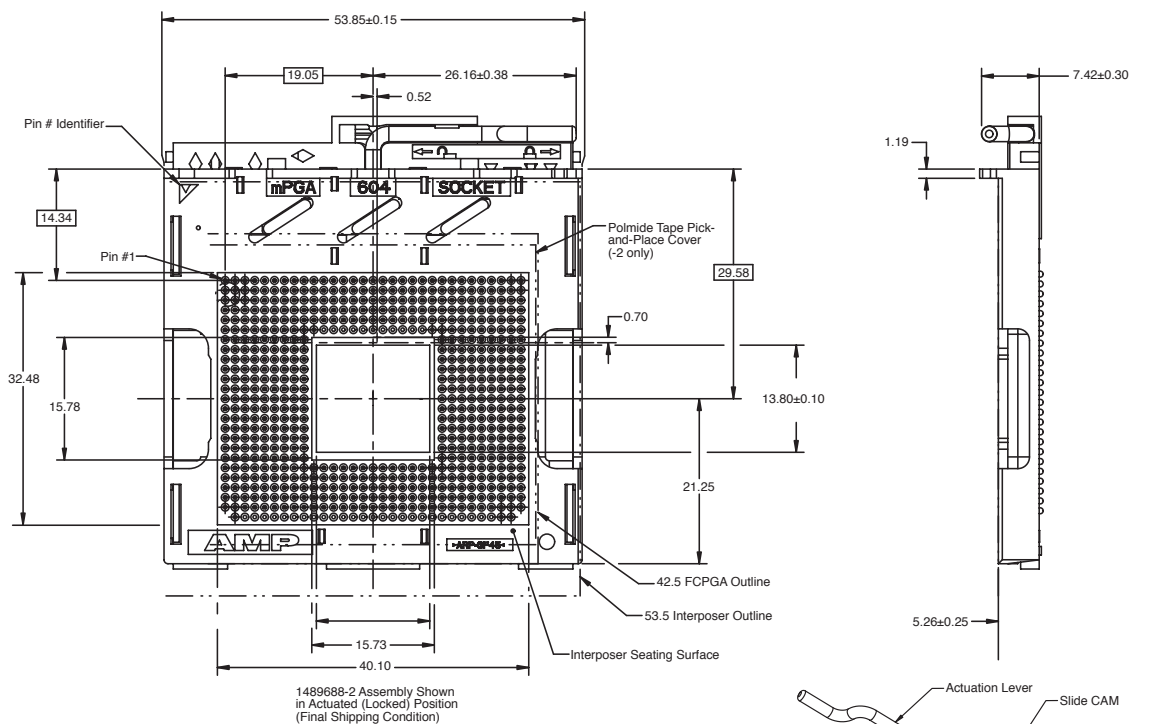
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Micro PGA 604 Position Socket

METRIC
Dimensions are millimeters

PRODUCT DIMENSIONS



Technical Support Center/AMP FAX Service
1-800-522-6752 717-986-7777
Specifications subject to change.

Dimensions are in millimeters
www.tycoelectronics.com

603 POSITION SOCKET vs. 604 POSITION SOCKET COMPARISON

Similarities Between the New Micro PGA 604 Socket and the Existing Micro PGA 603 Socket.

The Following List of Components are Identical for Both the 603 and 604 Sockets

- Actuation Lever
- Slide Cam
- Slide Cam Wear Plate
- Contact
- Solderball

The Assembly Processes Will Be the Same for Both Sockets

Key Differences Between the New Micro PGA 604 Socket and the Existing Micro PGA 603 Socket

New Cover – The 604 Socket requires a new, shorter cover with a recessed pin field and finger cutouts for removal of the 42.5mm FCPGA Package

New Housing – The 604 Socket requires a new, shorter housing with recessed pockets for the finger cutouts•

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