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Part Number: [47594-0001](#)
Status: **Active**
Description: 1.01mm by 1.01mm Pitch LGA Server CPU Socket, 0.381µm Gold(Au) Plating, 1366 Circuits, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Application Specification AS-47594-001 \(PDF\)](#)
[Test Summary TS-47594-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Processor Sockets
Series [47594](#)
Component Type Socket
Product Name LGA1366
UPC 800756785127

Physical

Circuits (Loaded) 1366
Circuits (maximum) 1,366
Color - Resin Black
Durability (mating cycles max) 30
Flammability 94V-0
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 13.106/g
Packaging Type Tray
Pitch - Mating Interface 1.02mm
Plating min - Mating 0.381µm
Plating min - Termination 1.270µm
Temperature Range - Operating -40°C to +88°C
Termination Interface: Style Solder or Weld

Electrical

Current - Maximum per Contact 0.8A
Voltage - Maximum 5V

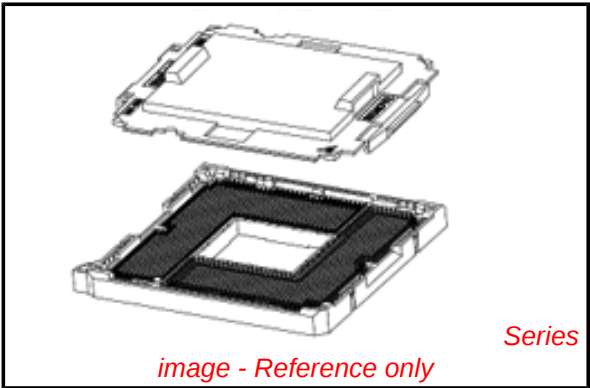
Solder Process Data

Duration at Max. Process Temperature (seconds) 3
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 250

Material Info

Reference - Drawing Numbers

Application Specification AS-47594-001
Electrical Model Document EE-47594-001
Sales Drawing SD-47594-001, SD-47594-100, SD-47594-200
Test Summary TS-47594-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

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[47594Series](#)

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