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

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

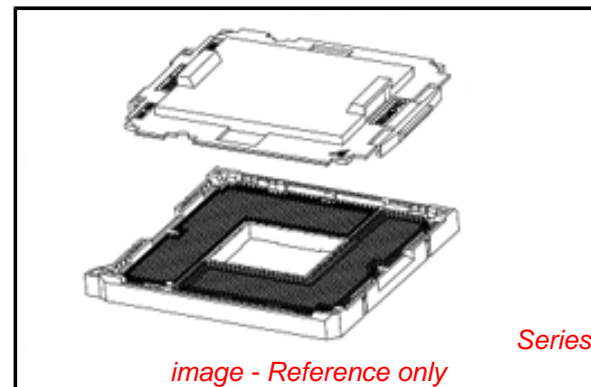
Solder Process Data

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

China RoHS



Need more information on product environmental compliance?

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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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[47594Series](#)

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