Part Number: 47594-3001

Status: **Active**

Description: 1.01mm by 1.01mm Pitch LGA1356-2 Server CPU Socket, 0.381μm Gold(Au) Plating, 1356 Circuits, Lead-Free

Documents:

3D Model	Application Specification AS-47594-001 (PDF)
Drawing (PDF)	Test Summary TS-47594-001 (PDF)
Product Specification PS-47594-001 (PDF)	RoHS Certificate of Compliance (PDF)

Series
image - Reference only

EU RoHS   China 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.

Search Parts in this Series
47594Series

Agency Certification

UL	E29179

General

Product Family	Processor Sockets
Series	47594
Component Type	Socket
Product Name	LGA1356-2
UPC	884982413016

Physical

Circuits (Loaded)	1356
Circuits (maximum)	1,356
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	13.091/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

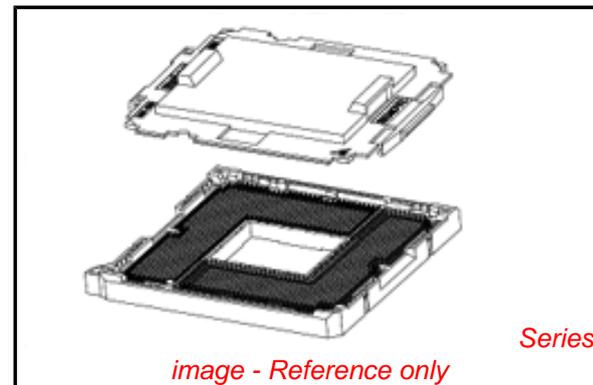|	
Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

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

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