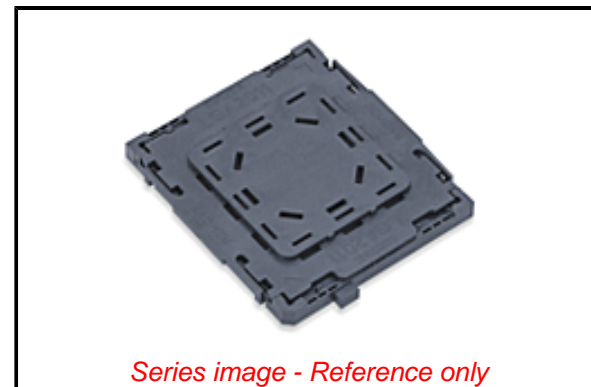


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1051420132](#)
Status: **Active**
Overview: LGA 2011-0 Server CPU Socket
Description: 1.02mm (.040") Pitch LGA2011-0 Processor Socket Assembly, 15u" Gold Plating, Lead-Free

Documents:

Drawing (PDF)	Packaging Specification PK-105142-001 (PDF)
Product Specification PS-105142-001 (PDF)	Packaging Specification PK-105284-001 (PDF)
Application Specification AS-105142-001-001 (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	Processor Sockets
Series	105142
Component Type	Socket
Overview	LGA 2011-0 Server CPU Socket
Product Name	LGA2011
UPC	884982585027

Physical

Circuits (Loaded)	2011
Circuits (maximum)	2,011
Durability (mating cycles max)	30
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Net Weight	18.290/g
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Plating min - Mating	1.270µm
Temperature Range - Operating	-40° to +100°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	5V

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Application Specification	AS-105142-001-001
Electrical Model Document	EE-105142-001, EE-105142-002, EE-105142-003
Packaging Specification	PK-105142-001, PK-105284-001
Product Specification	PS-105142-001
Sales Drawing	SD-105142-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105142 Series](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[105142-0132](#)