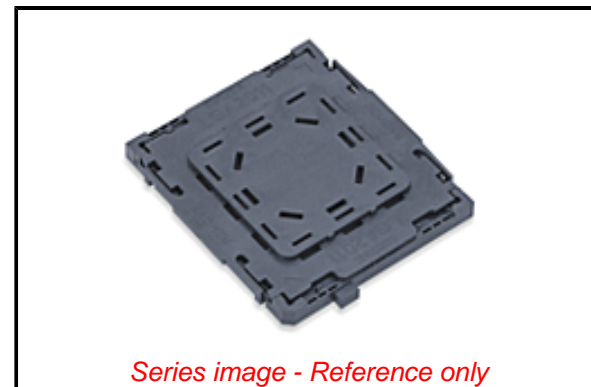


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-105142-001 (PDF)</a>
<a href="#">Product Specification PS-105142-001 (PDF)</a>	<a href="#">Packaging Specification PK-105284-001 (PDF)</a>
<a href="#">Application Specification AS-105142-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Processor Sockets
Series	<a href="#">105142</a>
Component Type	Socket
Overview	<a href="#">LGA 2011-0 Server CPU Socket</a>
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](#)