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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-105284-001 \(PDF\)](#)
[Product Specification PS-105142-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-105142-001 \(PDF\)](#)

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°C to +100°C
Termination Interface: Style	Surface Mount

Electrical

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

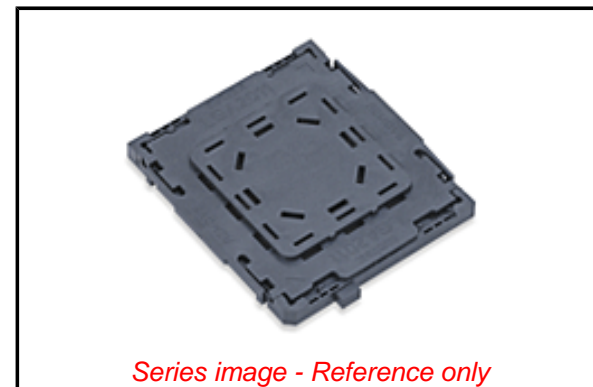
Solder Process Data

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

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

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[105142 Series](#)