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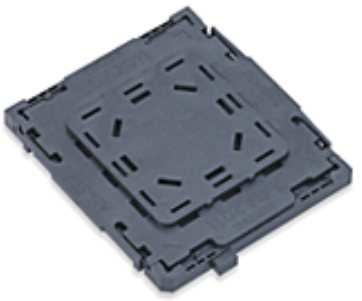
Part Number: 1051420132

Status: Active

Overview: LGA 2011-0 Server CPU Socket

Description: 1.02mm (.040") Pitch LGA2011-0 Processor Socket Assembly, 15u" Gold Plating, Lead-Free



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-105142-001 (PDF)
Application Specification AS-105142-001 (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°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

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

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Contains SVHC(2014 December 17): No

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	Green Image
ELV	Not Relevant

Search Parts in this Series
105142 Series

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