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**Part Number:** [47596-0132](#)  
**Status:** **Active**  
**Description:** 0.91mm by 0.91mm Pitch LGA 1156 Desktop PC CPU Socket, 0.381µm Gold (Au) Plating, with Pick-and-Place Cover, 1156 Circuits, Lead-Free, Alignment Key Height 0.75mm

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-47596-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                |
|--------------------------------|--------------------------------|
| <b>General</b>                 |                                |
| Product Family                 | Processor Sockets              |
| Series                         | <a href="#">47596</a>          |
| Component Type                 | Socket                         |
| Product Name                   | LGA1156                        |
| <b>Physical</b>                |                                |
| Circuits (Loaded)              | 1156                           |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 20                             |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface       | 0.91mm                         |
| Plating min - Mating           | 0.381µm                        |
| Temperature Range - Operating  | -25°C to +100°C                |
| Termination Interface: Style   | Solder or Weld                 |

|                               |     |
|-------------------------------|-----|
| <b>Electrical</b>             |     |
| Current - Maximum per Contact | .5A |
| Voltage - Maximum             | 5V  |

|                                                |                           |
|------------------------------------------------|---------------------------|
| <b>Solder Process Data</b>                     |                           |
| 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**

|                                    |              |
|------------------------------------|--------------|
| <b>Reference - Drawing Numbers</b> |              |
| Product Specification              | PS-47596-001 |
| Sales Drawing                      | SD-47596-001 |

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Series  
image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**



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For a multiple part number RoHS Certificate of Compliance, [click here](#)

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