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Part Number: [0512484788](#)
Status: **Obsolete**
Description: 1.27mm (.050") Pitch Micro PGA Socket for Mobile Pentium* 4, Ball Grid Array (BGA) Mount, ZIF, 478 Circuits, Key Version B, with Pick and Place Cover, Tray Package, Lead Free

Documents:
[Drawing \(PDF\)](#)

General

| | |
|----------------|--------------------------------|
| Product Family | Processor Sockets |
| Series | 51248 |
| Comments | ZIF, with Pick and Place Cover |
| Component Type | Socket |
| Product Name | Micro PGA |

Physical

| | |
|--------------------------------|--|
| Circuits (Loaded) | 478 |
| Circuits (maximum) | 478 |
| Color - Resin | Black, Natural |
| Durability (mating cycles max) | 50 |
| Material - Metal | Copper-Nickel-Silicon, Stainless Steel |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Nickel |
| Material - Resin | High Temperature Thermoplastic |
| Packaging Type | Tray |
| Pitch - Mating Interface | 1.27mm (.050") |
| Plating min - Mating | 0.254µm (10µ") |
| Plating min - Termination | 1.270µm (50µ") |
| Temperature Range - Operating | -20°C to +90°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 100V |

Solder Process Data

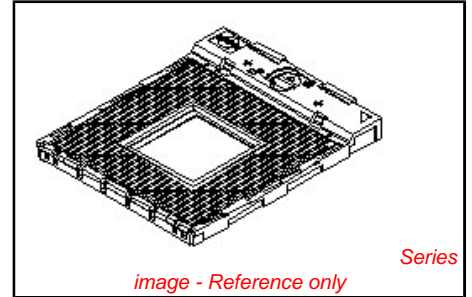
| | |
|------------------------------|---------------------------|
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Process Temperature max. C | 240 |

Material Info

Reference - Drawing Numbers

| | |
|---------------|--------------|
| Sales Drawing | SD-51248-015 |
|---------------|--------------|

* Pentium and Celeron are registered trademark of Intel Corporation



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|--|--------------------------|
| <p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Reviewed</p> | <p>China RoHS</p> |
|--|--------------------------|

Need more information on product environmental compliance?

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