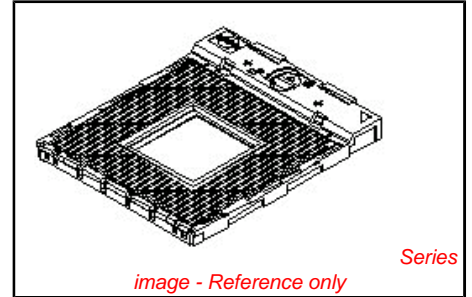


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0512484799](#)  
**Status:** **Obsolete**  
**Description:** 1.27mm (.050") Pitch Micro PGA Socket for Mobile Pentium\* 4, Ball Grid Array (BGA) Mount, ZIF, 479 Circuits, with Pick and Place Cover, Tape and Reel Package, 0.25µm (10µ") Gold (Au) Plating, 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)	479
Circuits (maximum)	479
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	Embossed Tape on Reel
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**

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-51248-015, SD-51248-016
---------------	----------------------------

\* Pentium and Celeron are registered trademark of Intel Corporation

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

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[51248Series](#)

**Mates With**  
 Intel Mobile Celeron\* Processor-M|Intel  
 Mobile Pentium\* 4 Processor

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