Introducing
Sockets for rPGA989 and rPGA988 Processors

TE connectivity surface mount rPGA sockets are designed for use with Intel’s® Core™ i7 989 and 988 mobile processors. The socket is designed for notebook motherboards that require a low profile surface mount interconnect. A simple screw cam is used to secure the package in place. The sockets are validated to Intel’s® design guides for high performance and extreme mobile products.
APPLICATIONS
Notebook Computers

ELECTRICAL
Insulation resistance: 800 megohms min at 500 VDC

MECHANICAL
Temperature rating: Continuous 0 to 85°C, Operating -25 to 100°C
Durability: 30 cycles
Cam operation torque to mate or unmate package: 0.57N-m max.

MATERIALS
Contact: Copper alloy, Gold 15 plating on contact area over nickel plating
Base Housing, Cover Housing and Cap: High Temperature Thermoplastic UL94V-0
Cam, Slide Plate and Base Plate: Stainless Steel
Solder Ball: Sn/Ag/Cu

SPECIFICATIONS
Application specification: 114-5445
Instruction sheet: 411-78322
Product specification: 108-78587

PRODUCT OFFERING

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>SOCKET TYPE</th>
<th>PACKAGING</th>
<th>SOCKET QTY PER TRAY OR REEL</th>
<th>POCKET CENTERLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013620-1</td>
<td>rPGA989</td>
<td>Hard Tray</td>
<td>18</td>
<td>N/A</td>
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<tr>
<td>2013620-2</td>
<td>rPGA989</td>
<td>Tape &amp; Reel</td>
<td>160</td>
<td>52 mm</td>
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<td>2013620-3</td>
<td>rPGA989</td>
<td>Tape &amp; Reel</td>
<td>120</td>
<td>56 mm</td>
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<tr>
<td>1-2013620-2</td>
<td>rPGA988A</td>
<td>Tape &amp; Reel</td>
<td>160</td>
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<td>rPGA988A</td>
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<td>rPGA988B</td>
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<td>Tape &amp; Reel</td>
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<td>56 mm</td>
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PRODUCT DIMENSIONS

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