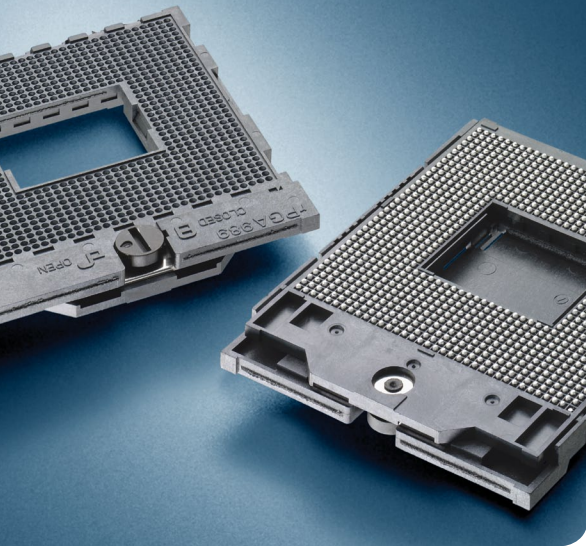


## Introducing Sockets for rPGA989 and rPGA988 Processors

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.



## Sockets for rPGA989 and rPGA988 Processors



### KEY FEATURES

- 989 or 988 contact positions on a 1.0 mm x 1.0 mm grid
- Simple cam screw actuation
- Solder balls facilitate surface mount to PCB
- Meets Intel® validation
- Socket is supplied with a cap for vacuum pick and place

### TE Technical Support Center

USA:	+1-800-522-6752
Canada:	+1-905-475-6222
Mexico	+52-55-1106-0800
Latin/S. America:	+54-11-4733-2200
Germany:	+49-6251-133-1999
UK:	+44-800-267666
France:	+33-1-3420-8686
The Netherlands:	+31-73-6246-999
China:	+86-400-820-6015

te.com

© 2011 Tyco Electronics Corporation. All Rights Reserved.  
1-1773456-7 CIS PDF 06/2011  
TE connectivity (logo) and TE (logo) are trademarks.  
Other logos, product and/or company names might be trademarks of their respective owners.

### 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

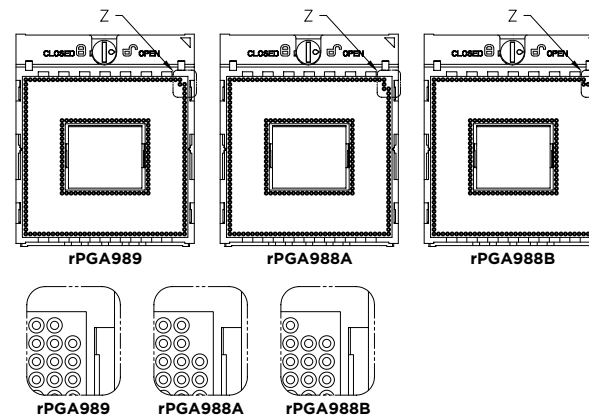
**Application specification** : 114-5445 **Instruction sheet** : 411-78322

**Product specification** : 108-78587

### PRODUCT OFFERING

PART NUMBER	SOCKET TYPE	PACKAGING	SOCKET QTY PER TRAY OR REEL	POCKET CENTERLINE
2013620-1	rPGA989	Hard Tray	18	N/A
2013620-2	rPGA989	Tape & Reel	160	52 mm
2013620-3	rPGA989	Tape & Reel	120	56 mm
1-2013620-2	rPGA988A	Tape & Reel	160	56 mm
1-2013620-3	rPGA988A	Tape & Reel	120	56 mm
2-2013620-2	rPGA988B	Tape & Reel	160	56 mm
2-2013620-3	rPGA988B	Tape & Reel	120	56 mm

### PRODUCT DIMENSIONS



While TE has made every reasonable effort to ensure the accuracy of the information in this catalog, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty, or guarantee that the information is accurate, correct, reliable, or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.