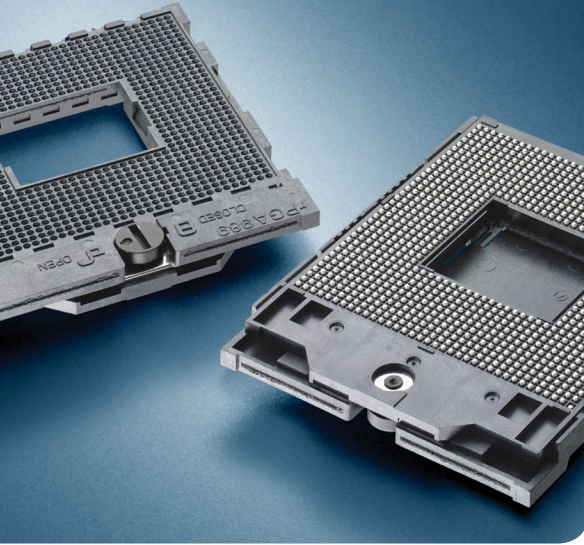


## Introducing Sockets for rPGA989 and rPGA988 Processors

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

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### 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

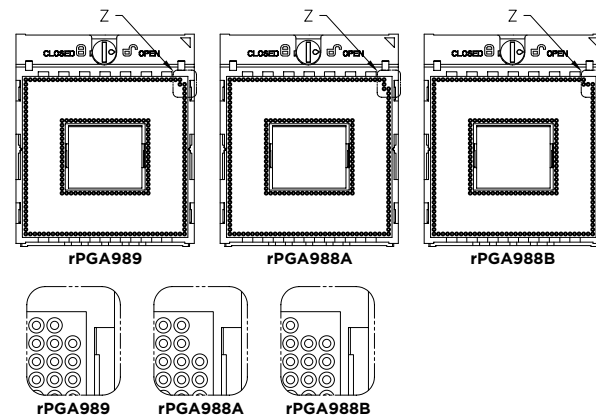
**Application specification** : 114-5445 **Instruction sheet** : 411-78322

**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



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