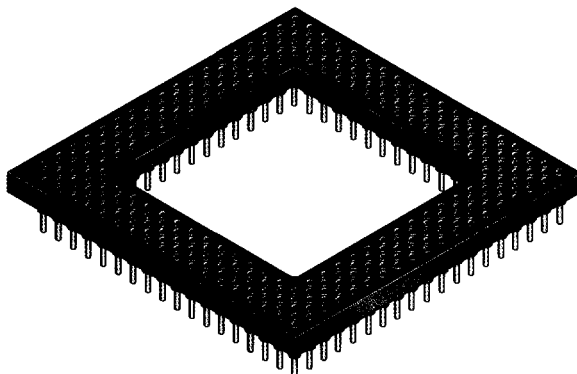




- Ultra low insertion force, screw machine contacts
- Low profile, recessed contacts
- **CUSTOM-ABILITY**

## Technical Data

### Physical

Insulator material: High temperature thermoplastic

Flammability rating: UL 94 V-0

Inner contact: Beryllium-copper

Outer shell: ½ hard brass

Plating: Gold or tin-lead over 1.27 µm (50 µ") nickel



### Operating Temperature Range

-50°C to ±150°C

### Packaging

Tubes – Select part numbers

Boxes

### Reference Information

 File no. E113847

Specifications subject to change without notice.

### Electrical Performance

Current rating: 3 A

Insulation resistance: 5000 mΩ min.

Contact resistance per contact: 10 mΩ

Contact capacitance: 1 pF between contacts max.

Voltage rating: 1000 V

### Mechanical Performance

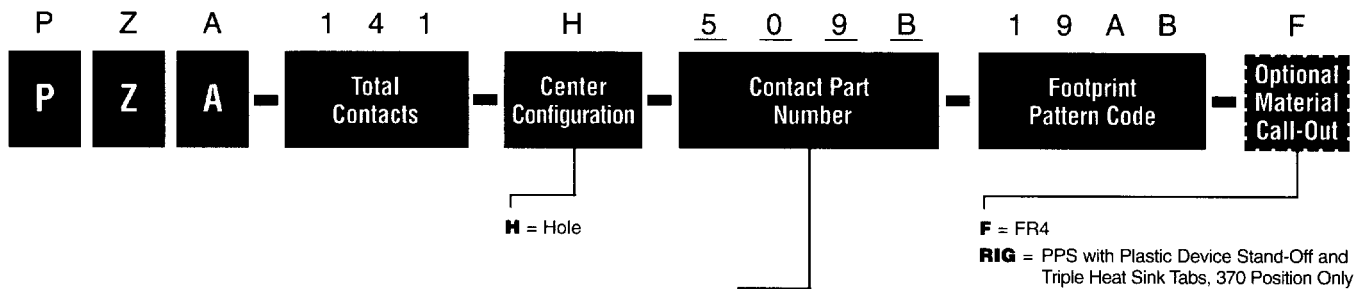
Mating cycles (durability): ≥ 100 at ±5 mΩ

## Processing Information

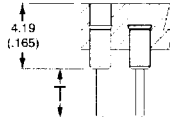
Compatible with wave, vapor-phase, and IR reflow soldering processes

**Part Number** Select Part Number from patterns below and add Contact Part Number from table

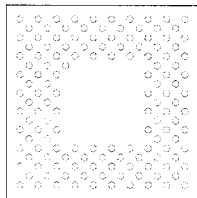
**Example:**



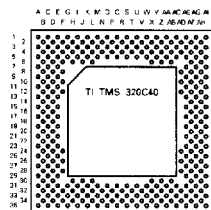
## Common PZA Patterns



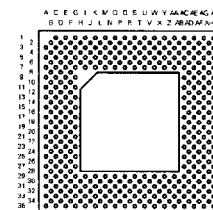
| Contact Part Number | Clip/Shell Plating    | Tail Length | Insertion Force | Extraction Force | Number of Fingers |
|---------------------|-----------------------|-------------|-----------------|------------------|-------------------|
| 509B                | 30 µ" Gold/200 µ" Tin | 3.18 (.125) | 20 g            | 11 g             | 6                 |
| 120B                | 30 µ" Gold/10 µ" Gold | 4.57 (.180) | 20 g            | 11 g             | 6                 |
| 003A                | 30 µ" Gold/200 µ" Tin | 2.54 (.100) | 20 g            | 11 g             | 6                 |
| 509A                | 30 µ" Gold/10 µ" Gold | 3.18 (.125) | 20 g            | 11 g             | 6                 |
| 009A                | 30 µ" Gold/200 µ" Tin | 3.81 (.150) | 20 g            | 12 g             | 3                 |
| 011A                | 10 µ" Gold/200 µ" Tin | 3.18 (.125) | 20 g            | 11 g             | 6                 |



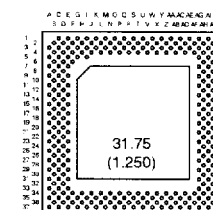
PZA-141-H- -19AB-F



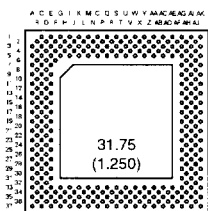
PZA-325-H- -35AA



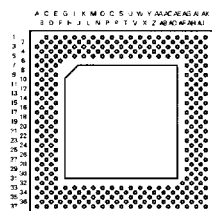
PZA-391-H- -35AC



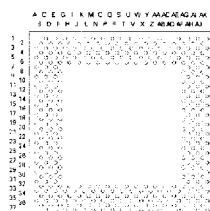
PZA-296-H- -37AH



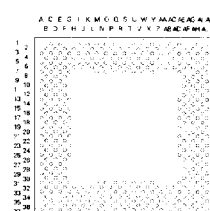
PZA-320-H- -37AQ



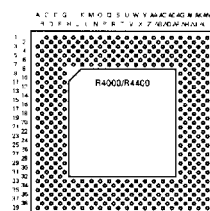
PZA-321-H- -37AU



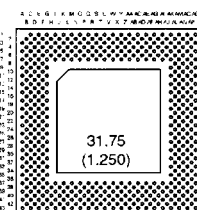
PZA-370-H- -37BJ-RIG



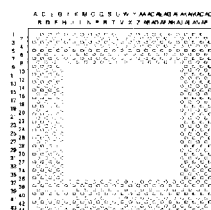
PZA-403-H- -37AZ



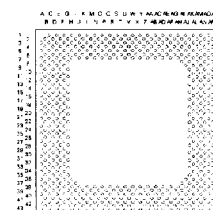
PZA-447-H- -39AC



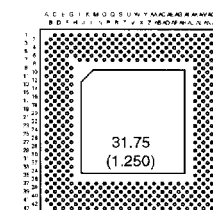
PZA-503-H- -43AB-F



PZA-587-H- -45AB-F



PZA-599-H- -47AB-F



PZA-499-H- -43AC