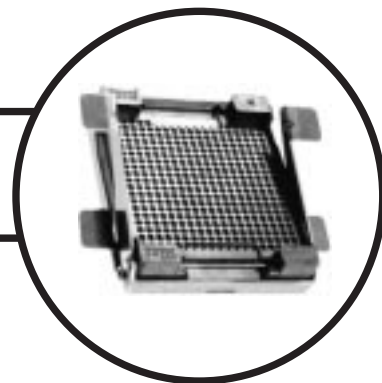
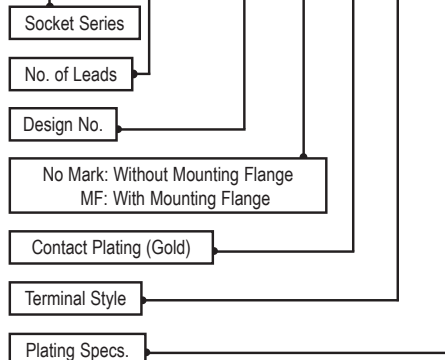


# PGA / ZIF

## NP161 Series



**NP161-289 02-MF-G 4-BF**



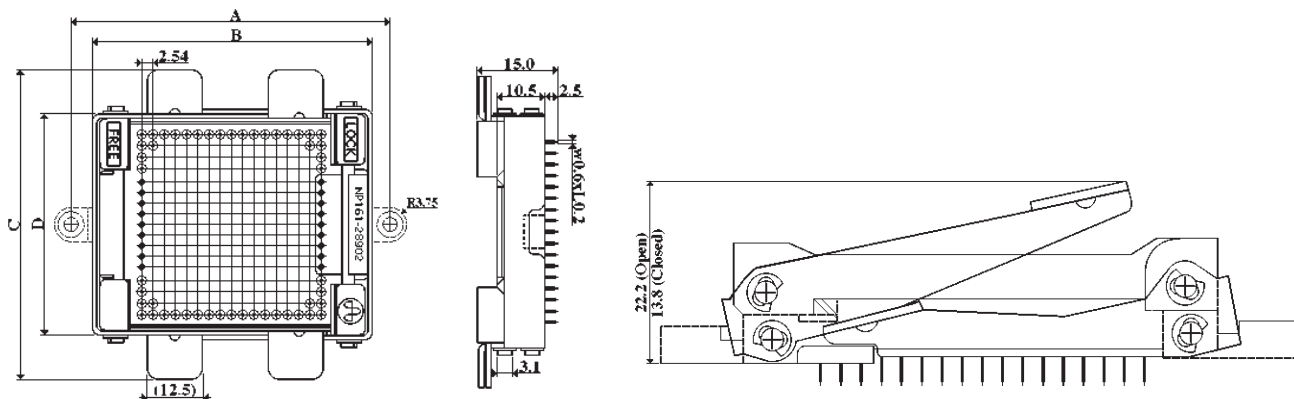
### Characteristics

|                        |                                  |
|------------------------|----------------------------------|
| Insulation Resistance: | 1,000MΩ minimum at 500 VDC       |
| Withstanding Voltage:  | 700 VAC for 1 Minute             |
| Contact Resistance:    | 30mΩ max. at 10mA/20mV (Initial) |
| Operating Temperature: | -55°C ~ +170°C                   |

### Material

|            |                    |
|------------|--------------------|
| Insulator: | PEI (Glass Filled) |
| Contact:   | Beryllium Copper   |
| Plating:   | Gold over Nickel   |

**Depopulated Versions Available**

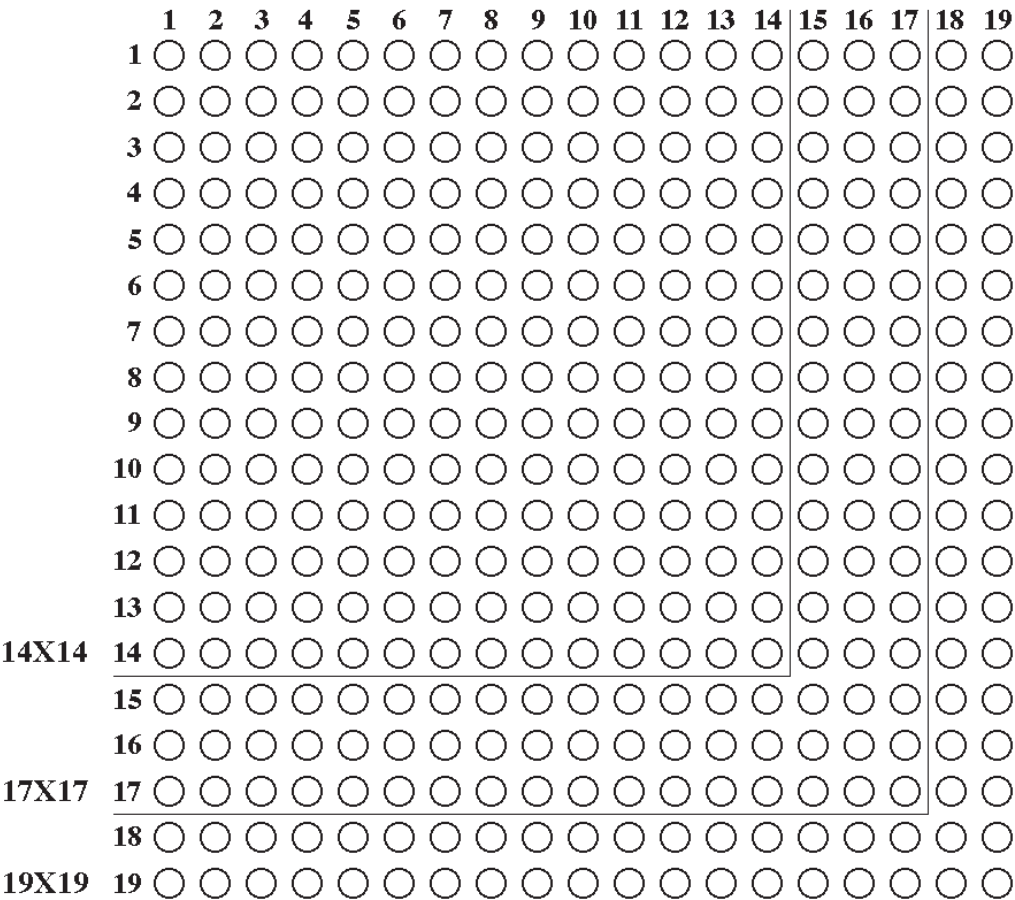


| Part Number       | Grid    | No. of Leads | DIMENSIONS |      |      |      |
|-------------------|---------|--------------|------------|------|------|------|
|                   |         |              | A          | B    | C    | D    |
| NP161-19604-G4-BF | 14 X 14 | 196          | 65.1       | 56.0 | 59.5 | 45.1 |
| NP161-28902-G4-BF | 17 X 17 | 289          | 72.6       | 63.5 | 68.0 | 52.0 |
| NP161-36101-G4-BF | 19 X 19 | 361          | 77.6       | 68.5 | 76.0 | 57.0 |

DEPOPULATION  
LAYOUT

PGA / ZIF

NP161 Series



Depopulation Layout is For Reference Only

Convention:

- Shaded Circles Indicate Required Contact Position
- Rule Line to Confirm Required Socket Outline.  
Socket Outline Should Always Appear in the Top Left Corner.
- ✕ Use this Symbol to Indicate Required Polarity Key Position.

The NP161 is Available in the  
Following Grid Sizes:

14X14  
17X17  
19X19

No. of Leads

Base Socket Part No.

AC No.