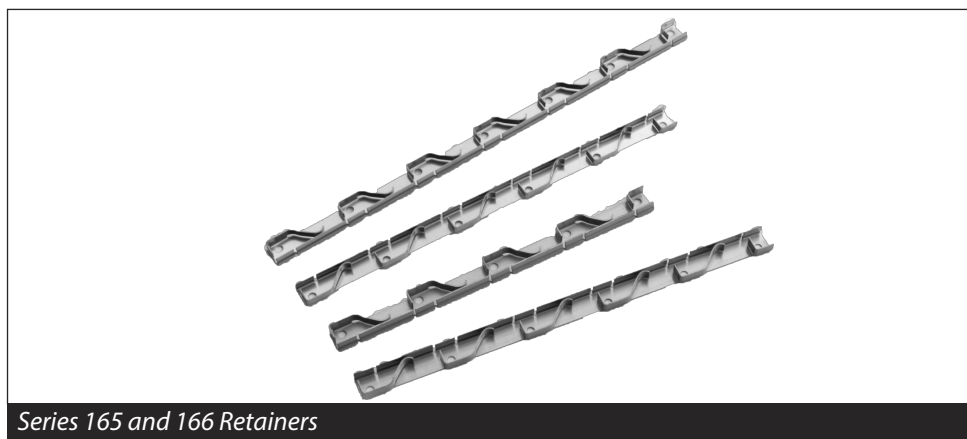




Series 165 and 166 Retainers

### WEIGHT

.48 g/cm (.043oz/in)

### MATERIALS AND FINISH

#### Material:

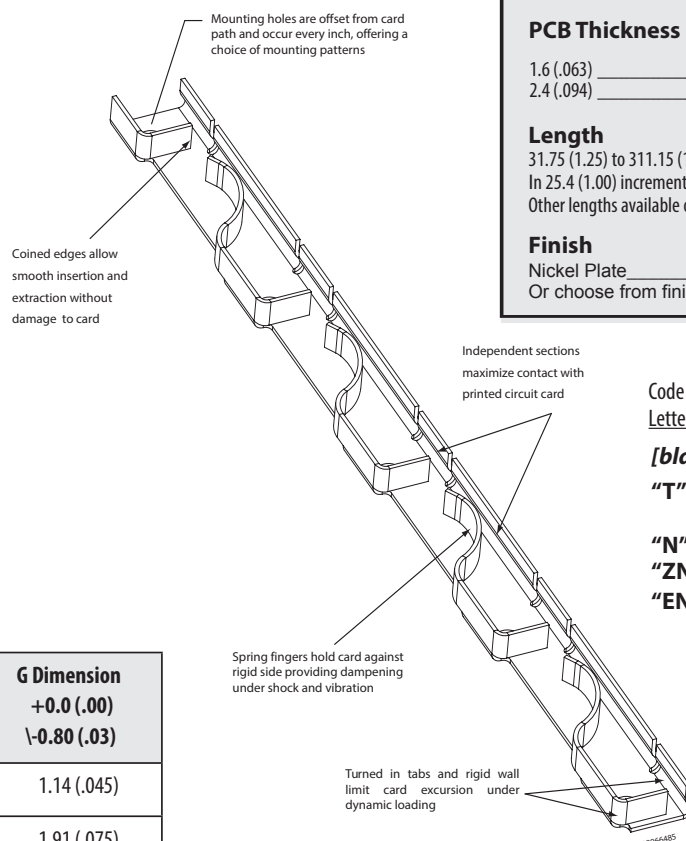
.41 (.016) thick Beryllium Copper C17510, Temper TF00 per ASTM B534

#### Finish:

See finish table

### SPRING RATE

56.0 N/cm (32 lbs/in)  
of deflection per  
spring finger



### Part Number Code

165 or 166 - 06 - 3.25 - N

### PCB Thickness

1.6 (.063)

06

2.4 (.094)

09

### Length

31.75 (1.25) to 311.15 (12.25)

3.25

In 25.4 (1.00) increments

Other lengths available on request

### Finish

Nickel Plate

N

Or choose from finish table

### FINISH TABLE

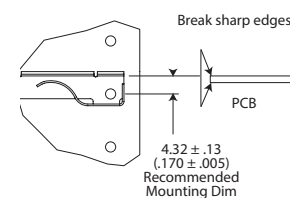
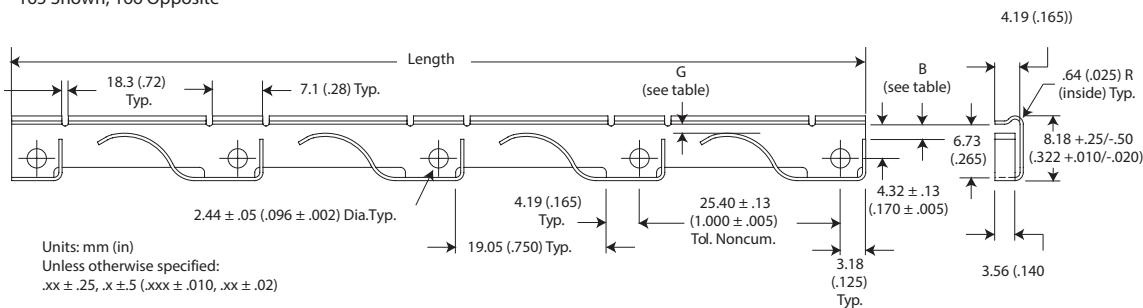
| Code Letter | Finish                                                |
|-------------|-------------------------------------------------------|
| [blank]     | 165/166: no finish                                    |
| "T"         | Bright Tin plate per Mil-T-10727<br>.005 (.0002) min. |
| "N"         | Nickel plate per QQ-N-290 Cl. 1, Gr. F                |
| "ZN"        | Zinc plate per ASTM-B633 Type III (clear), SC1        |
| "EN"        | Electroless nickel plate per Mil-C-26074 Cl. 1 Gr. B  |

| Dash No. | PCB Thickness | B Dimension<br>+0.38 (.015)<br>-0.0 (.000) | G Dimension<br>+0.0 (.00)<br>-0.80 (.03) |
|----------|---------------|--------------------------------------------|------------------------------------------|
| -06      | 1.6 (1/16)    | 1.91 (.075)                                | 1.14 (.045)                              |
| -09      | 2.4 (3/32)    | 2.67 (.105)                                | 1.91 (.075)                              |

### Part Number Code Example:

165-06-4.25-T  
Series 165 BeCu, with bright tin finish, 107.95 (4.25) long designed for 1.6 (.063) thick printed circuit boards

165 Shown, 166 Opposite



Pentair may modify standard parts without prior notice to or approval from customers. These modifications may change product appearance, but will not have a detrimental effect on form, fit or function.