

Series 165 and 166 Retainers

WEIGHT

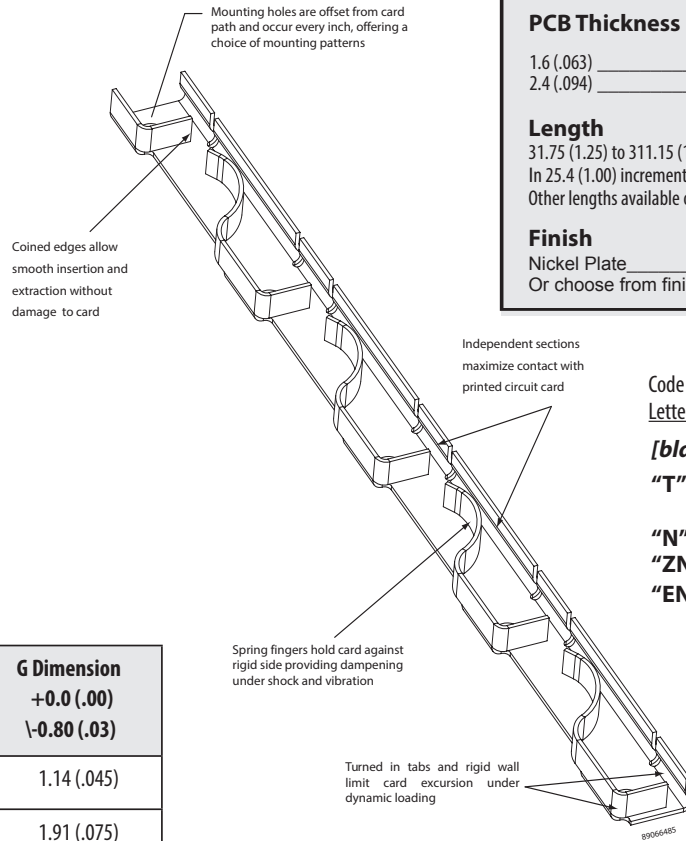
.48 g/cm (.043oz/in)

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

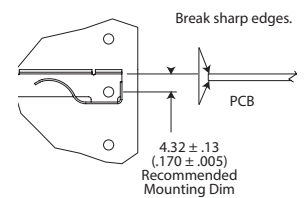
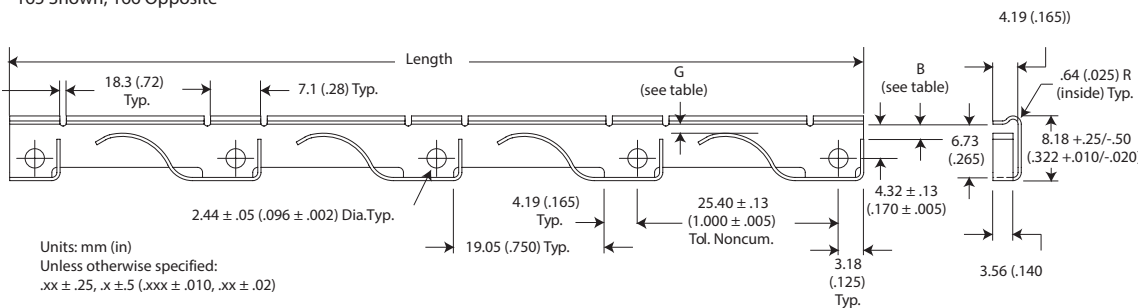
Code Letter	Finish
[blank]	165/166: no finish
"T"	Bright Tin plate per Mil-T-10727 .005 (.0002) min.
"N"	Nickel plate per QQ-N-290 Cl. 1, Gr. F
"ZN"	Zinc plate per ASTM-B633 Type III (clear), SC1
"EN"	Electroless nickel plate per Mil-C-26074 Cl. 1 Gr. B

Dash No.	PCB Thickness	B Dimension +0.38 (.015) \-0.0 (.000)	G Dimension +0.0 (.00) \-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



Units: mm (in)
 Unless otherwise specified:
 .xx ± .25, .x ± .5 (.xxx ± .010, .xx ± .02)

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.