Calmark offers the Series 125/126 Card Retainer as the economical approach to protecting your Printed Circuit Board in shock and vibration applications. For those applications that require shock and vibration protection and heat sinking and grounding, the Series 165/166 may be the answer to your problem. The Series 125/126 is made from rugged stainless steel while the Series 165/166 is made from Alloy 10 BeCu for exceptional thermal and electrical conductivity. These Retainers conform to DSCC 85034.

Series 125/126/165/166 retainers

125/126

Material:

.41 (.016) thick Stainless Steel Type 301, Cond. 1/2 H, ASTM -A240

Finish:

Passivate per MIL -S-5002

SPRING RATE

60.4N/cm (34.5lbs/in) of deflection per spring finger

WEIGHT

.4g/cm (.036oz/inch)

165/166

Material:

.41 (.016) thick Alloy 10 Beryllium Copper. Cond. "AT" per Mil-C-81021

Finish:

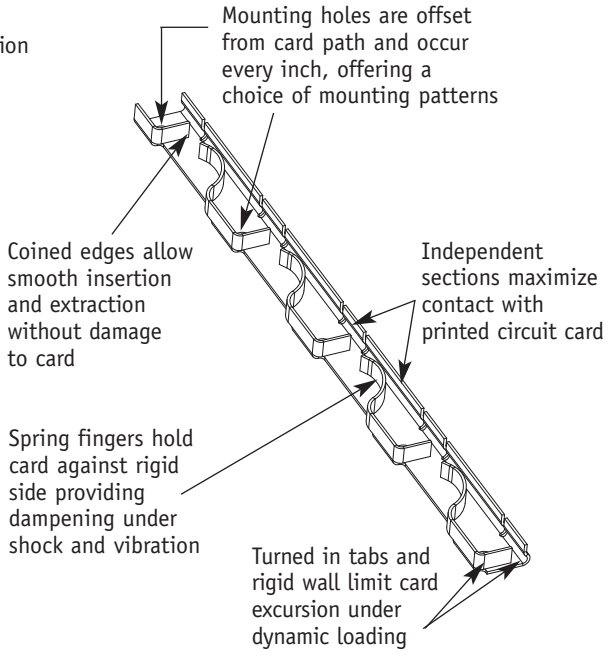
See Part No. Code

SPRING RATE

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

WEIGHT

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



Part Number Code

Series

125, 126, 165, 166 — 125

PCB Thickness — -06

1.6 (.063) — **06**

2.4 (.094) — **09**

Length — -3.25

31.75 (1.25) to 311.15 (12.25) ***length.xx*** in 25.4 (1.00) increments.

Other lengths available on request

Finish (165/166 only) — N

Nickel plate — **N**

or choose from Finish Table

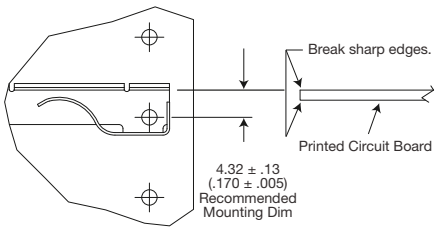
Part Number Code Example:

125-06-4.25

Series 125 passivated stainless steel, 107.95 (4.25) long designed for 1.6 (.063) thick printed circuit boards.

FINISH TABLE

Code Letter	Finish
[blank]	125/126: passivated 165/166: no finish
For 165/166 only	
"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)