# CALMARK® SERIES 125/126 AND 165/166 - RETAINERS

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.

# 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

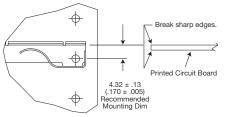
See Part No. Code

#### **SPRING RATE**

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

### WEIGHT

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



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)

Turned in tabs and

rigid wall limit card excursion under dynamic loading

Mounting holes are offset

from card path and occur

choice of mounting patterns

Independent

contact with

sections maximize

every inch, offering a

Coined edges allow

smooth insertion

Spring fingers hold

card against rigid

dampening under

shock and vibration

side providing

and extraction

to card

without damage



**Part Number Code** 125, 126, 165, 166 125 -06 -3.25 N **PCB Thickness** 1.6 (.063) 06 2.4 (.094) 09 Length 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) Nickel plate N or choose from Finish Table printed circuit card

## Part Number Code Example:

Finish

125-06-4.25

Code

Letter

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

#### **FINISH TABLE**

[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.	
"ZN"	Zinc plate per ASTM-B633 Type III	
	(clear), SC1	
"EN"	Èlectroless nickel plate per	
	Mil-C-26074 Cl. 1 Gr. B	

