

Calmark offers the narrow, advance design Series 265 "Card-Lok" retainer for cold plate/heat exchanger applications. This totally unique design incorporates design advancements that provide increased thermal transfer, easy insertion, lighter weight and now closer center to center board spacing.

## FEATURES

- Narrow design permits closer board spacing
- Maximum uniform clamping force
- Increased thermal transfer
- Maintains wedge and body alignment for easy insertion
- Captivated rear wedge
- Choice of screw head style
- Lighter weight
- Lower cost - Faster delivery
- Special lengths, finishes, or other design options available on request

## WEDGES & SHAFT

### Material:

Wedges: Aluminum Alloy 6061-T6,  
ASTM-B221  
Shaft: Aluminum Alloy 7075-T,  
ASTM-B221

### Finish:

See Part Number Code

## SCREW, LOCK & FLAT WASHER

### Material:

300 Series Stainless Steel

### Finish:

Passivate per Mil-S-5002

## ROLL PIN

### Material:

400 Series Stainless Steel

### Finish:

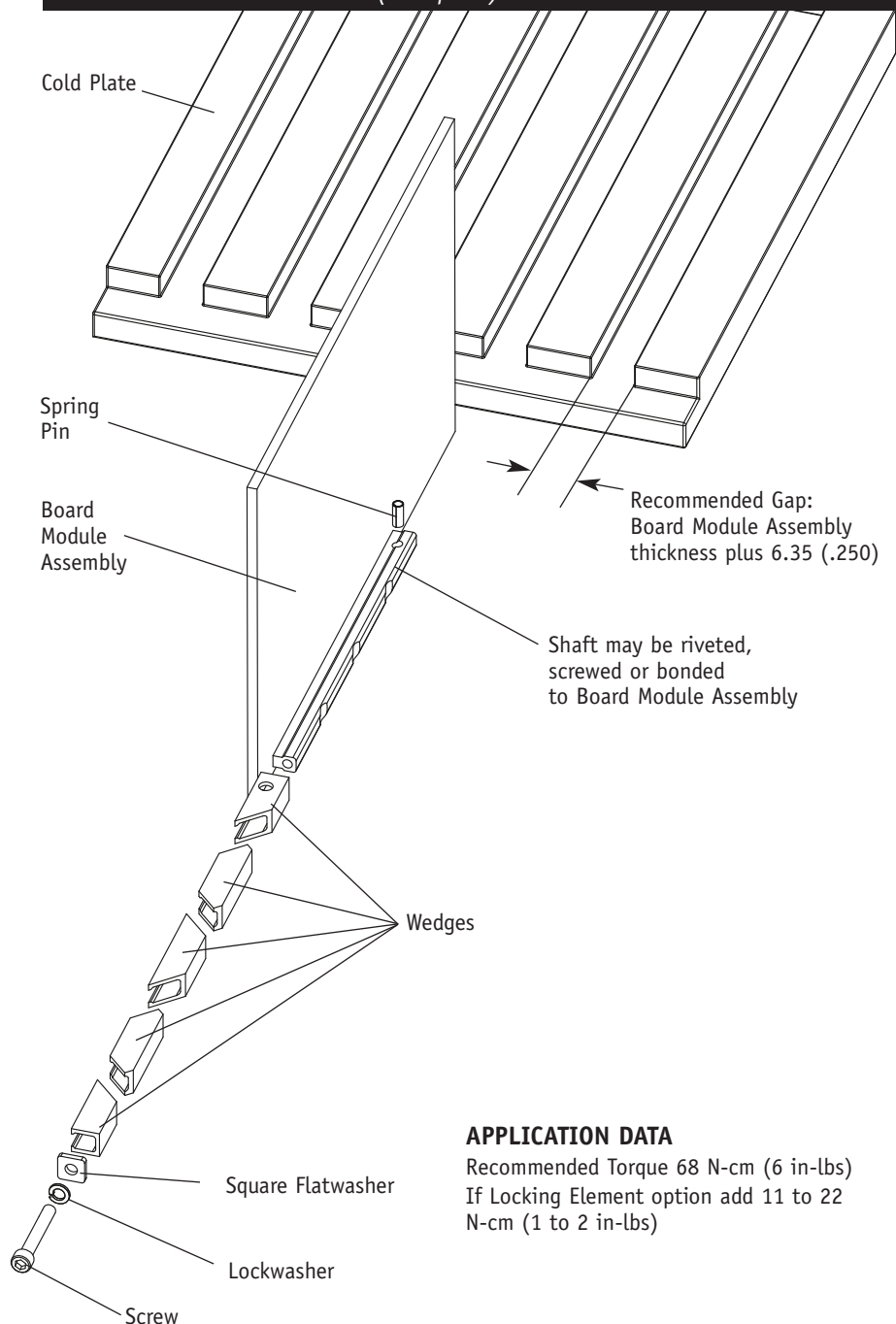
Passivate per Mil-S-5002

## WEIGHT

.89 g/cm (.080 oz/in)



Series 265 "Card-Lok" Retainer (cold plate)



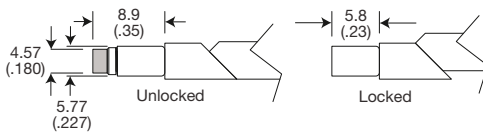
## APPLICATION DATA

Recommended Torque 68 N-cm (6 in-lbs)  
If Locking Element option add 11 to 22  
N-cm (1 to 2 in-lbs)

## OPTION PREFIX

### Detail "V"

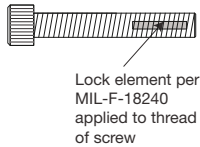
Provides visual lock indication.



## OPTION SUFFIX

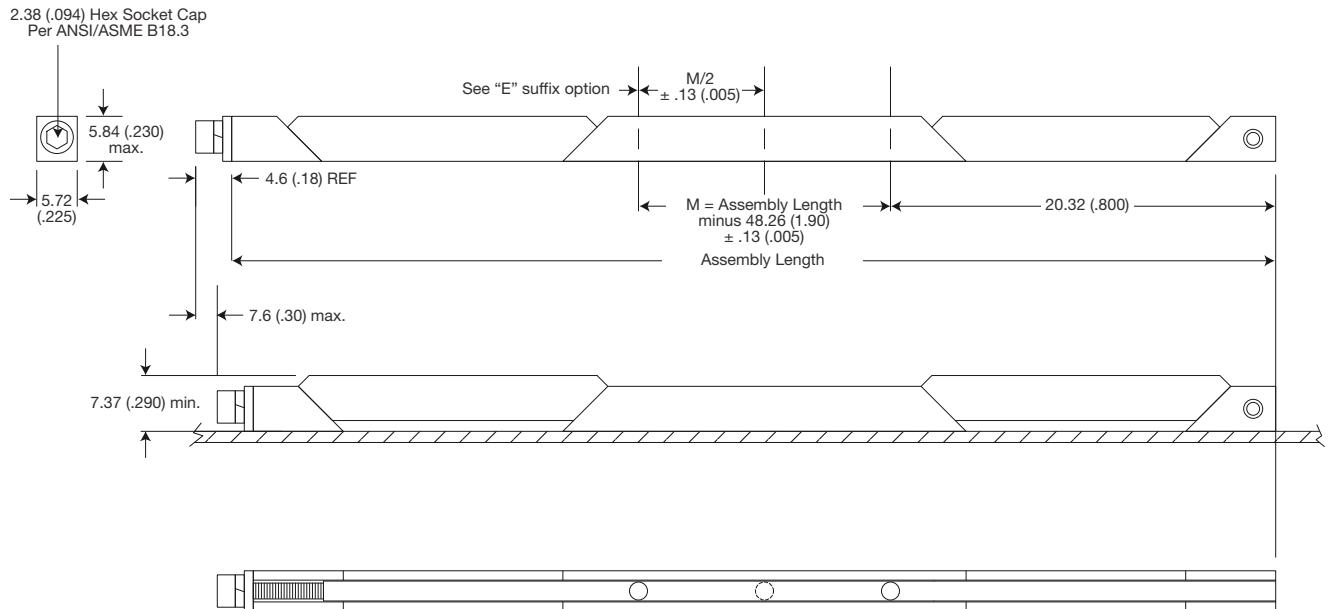
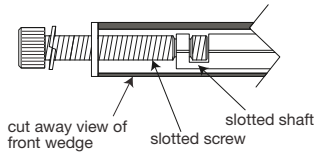
### Detail "L"

Provides prevailing torque for resistance to loosening from shock and vibration.



### Detail "K"

Prevents the unintentional disassembly of screw from front wedge.



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

## Part Number Code

### Series 265 Card-Lok Five Piece

#### Prefix options

Metric Screw Head M2.5 Hex Drive **M**  
Standard Screw Head 3/32 Hex Drive **[blank]**  
Visual Indicator **V**  
No Visual Indicator **[blank]**  
Black Anodize **A**  
or choose from Finish Table **see table**

#### Suffix options

Assembly length from 54.6 (2.15) to 329.9 (12.99) **length.xx**  
Preferred lengths are 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80)  
Other lengths available upon request

Additional Center Mounting Hole **E**  
None **[blank]**

Mounting Options - through mounting holes **H**  
or choose from Mounting Option Table **see table**

Lock Element **L**  
None **[blank]**

Captive Screw **K**  
None **[blank]**

## Part Number Code Example:

M265-4.80H

Series 265 Card-Lok five piece 121.9 (4.80) long with metric screw head, gold chemical film finish and standard rivet hole mounting.

## FINISH TABLE

| Code Letter    | Finish                                                      |
|----------------|-------------------------------------------------------------|
| <b>[blank]</b> | Chemical Film per Mil-C-5541 Class 3, Gold                  |
| <b>"R"</b>     | Chemical Film per Mil-DTL-5541 Class 3, Type II, Clear      |
| <b>"A"</b>     | Black Anodize per Mil-A-8625 Type II, Class 2               |
| <b>"HA"</b>    | Hard Black Anodize per Mil-A-8625 Type III, Class 2         |
| <b>"EN"</b>    | Electroless Nickel per Mil-C-26074 Class 4, Grade B, Bright |

## MOUNTING METHOD TABLE

| Code Letter    | Method                                                                        |
|----------------|-------------------------------------------------------------------------------|
| <b>"H"</b>     | Ø1.73/1.85 (.068/.073) dia. through holes countersink 100° x 1.52 (.060) deep |
| <b>"T0"</b>    | 0-80 tapped hole                                                              |
| <b>"T2"</b>    | 2-56 tapped hole                                                              |
| <b>"TM2"</b>   | M2 x 0.40 tapped hole                                                         |
| <b>"TM2.5"</b> | M2.5 x 0.45 tapped hole                                                       |