



Series 255 Card Lok

## RECOMMENDED GAP WIDTH

PCB + 13.33 mm (.525 in)

## RECOMMENDED TORQUE

350 N-cm (31 in-lbs)

With "L" option 407 N-cm (36 in-lbs)

## WEIGHT

4.74 g/cm (.425 oz/in)

## MATERIALS AND FINISH

### WEDGES

#### Material:

Aluminum Alloy 6061-T6 per per ASTM-B221 or AMS-QQ-A-200/8

#### Finish:

See finish table on opposite page

### SCREW

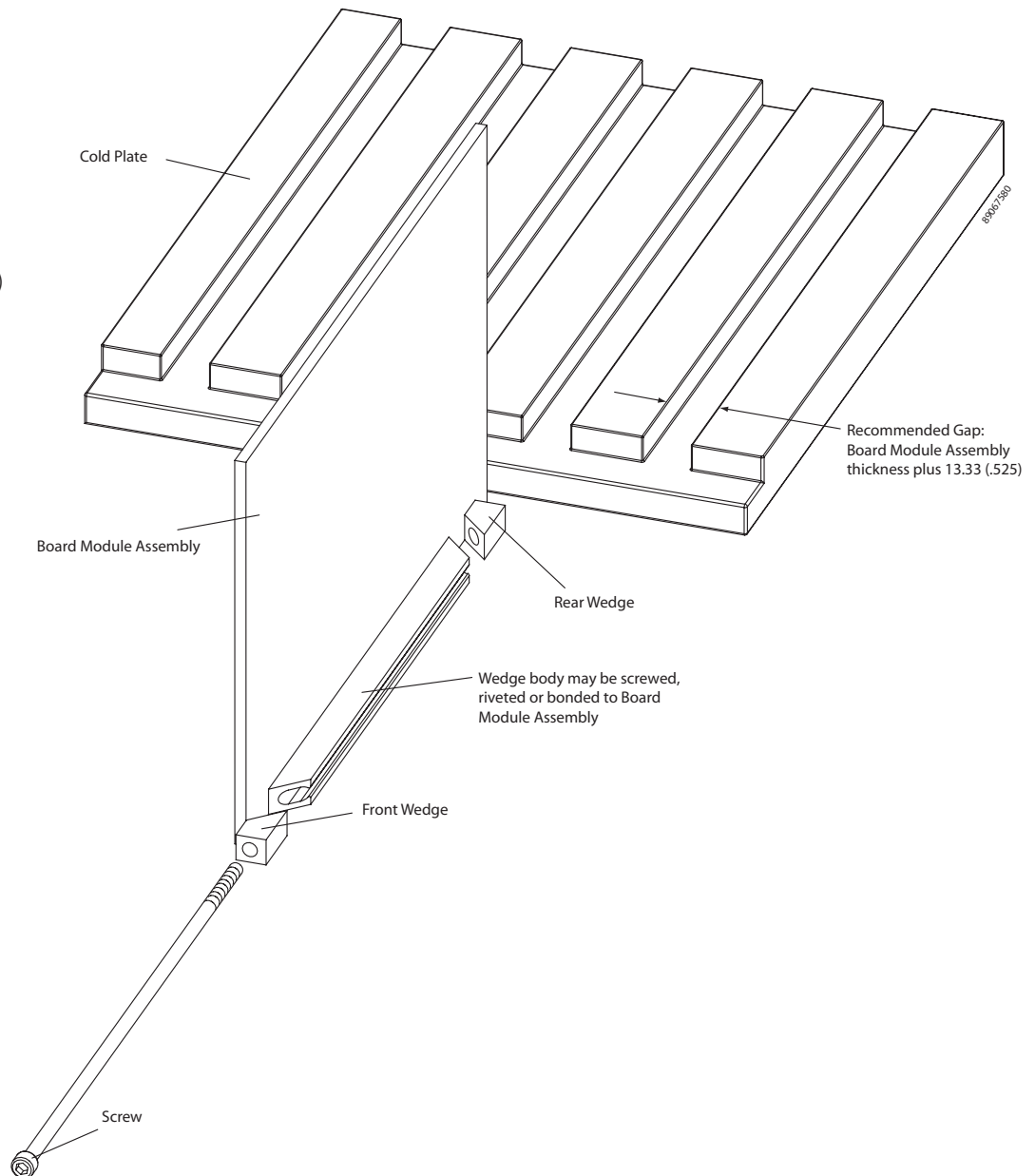
.09-in. or 2.5-mm hex. socket head cap screw, depending on mounting configuration

#### Material:

Stainless steel per ASTM-A582

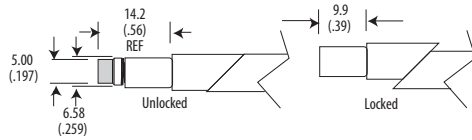
#### Finish:

Passivated per AMS2700



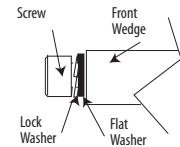
## Detail "V"

Provides visual lock indication. This option adds 5.08 (.20) to screw length



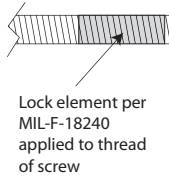
## Detail "W"

Provides added resistance to loosening from shock and vibration. This option adds 5.08 (.20) to the screw length when combined with the "R" suffix option.



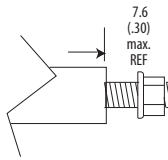
## Detail "L"

Provides prevailing torque for resistance to loosening from shock and vibration. Adds 57 N-cm (5 in-lbs) torque to assembly. See application data on previous sheet.



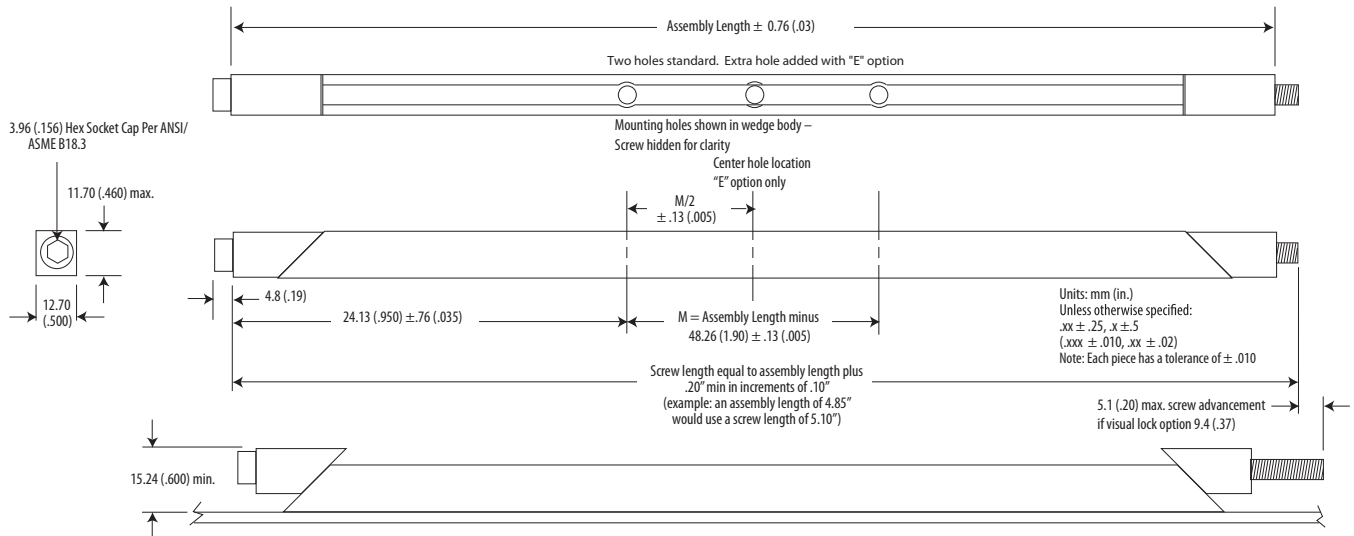
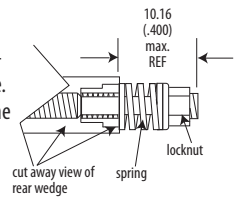
## Detail "R"

Reduces the possibility of unintentional disassembly of the screw from rear wedge. This option adds no additional screw length unless included with "W" option, then 5.1 (.20) total.



## Detail "K"

Prevents the unintentional disassembly of screw from rear wedge. This option adds 5.08 (.200) to the screw length.



## Part Number Code Example

Series 255 Card-Lok Three Piece **Z M W V A 255 - 3.80 E H L R**

### Prefix options

Metric Screw Head M4 Hex Drive **M**  
 Standard Screw Head 5/32 Hex Drive **[blank]**  
 Lock and Flat Washer **W**  
 None **[blank]**  
 Visual Indicator **V**  
 No Visual Indicator **[blank]**  
 Black Anodize **A**  
 or choose from Finish Table **see table**

### Suffix options

Stainless Steel Lock Nut if "CR" option is selected **CR**  
 Standard Plated Steel Lock Nut **"-"**  
 Assembly length in inches. Standard lengths range from 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80). **length.xx**  
 Other lengths available upon request  
 Additional Center Mounting Hole **E**  
 None **[blank]**  
 Mounting Options - holes for rivet mounting **H**  
 or choose from Mounting Option Table **see table**  
 Lock Element **L**  
 None **[blank]**  
 Lock Nut **R**  
 None **[blank]**  
 Captive Screw **K**  
 None **[blank]**

## Part Number Code Example:

VA255CR-4.80HR

Series 255 Card-Lok three piece 121.9 (4.80) long with Visual Indicator, black anodized finish, standard rivet mounting hole and stainless steel lock nut option

## FINISH TABLE

Code Letter	Finish
<b>[blank]</b>	Chemical Film per Mil-DTL-5541 Class 1A, Type 1, 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>[blank]</b>	No mounting holes
<b>"H"</b>	Rivet Mounting Ø3.45 (.136) hole with 4.95 (.195) counterbore x 9.91 (.390) deep and 100° x 4.95 (.195) countersink
<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