

Series 230 Card Lok

## RECOMMENDED GAP WIDTH

PCB + 6.35 (.250)

## RECOMMENDED TORQUE

68 N-cm (6 in-lbs)  
With "L" option 90 N-cm (8 in-lbs)

## WEIGHT

1.34 g/cm (.120 oz/in)

## MATERIALS AND FINISH

### WEDGES

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

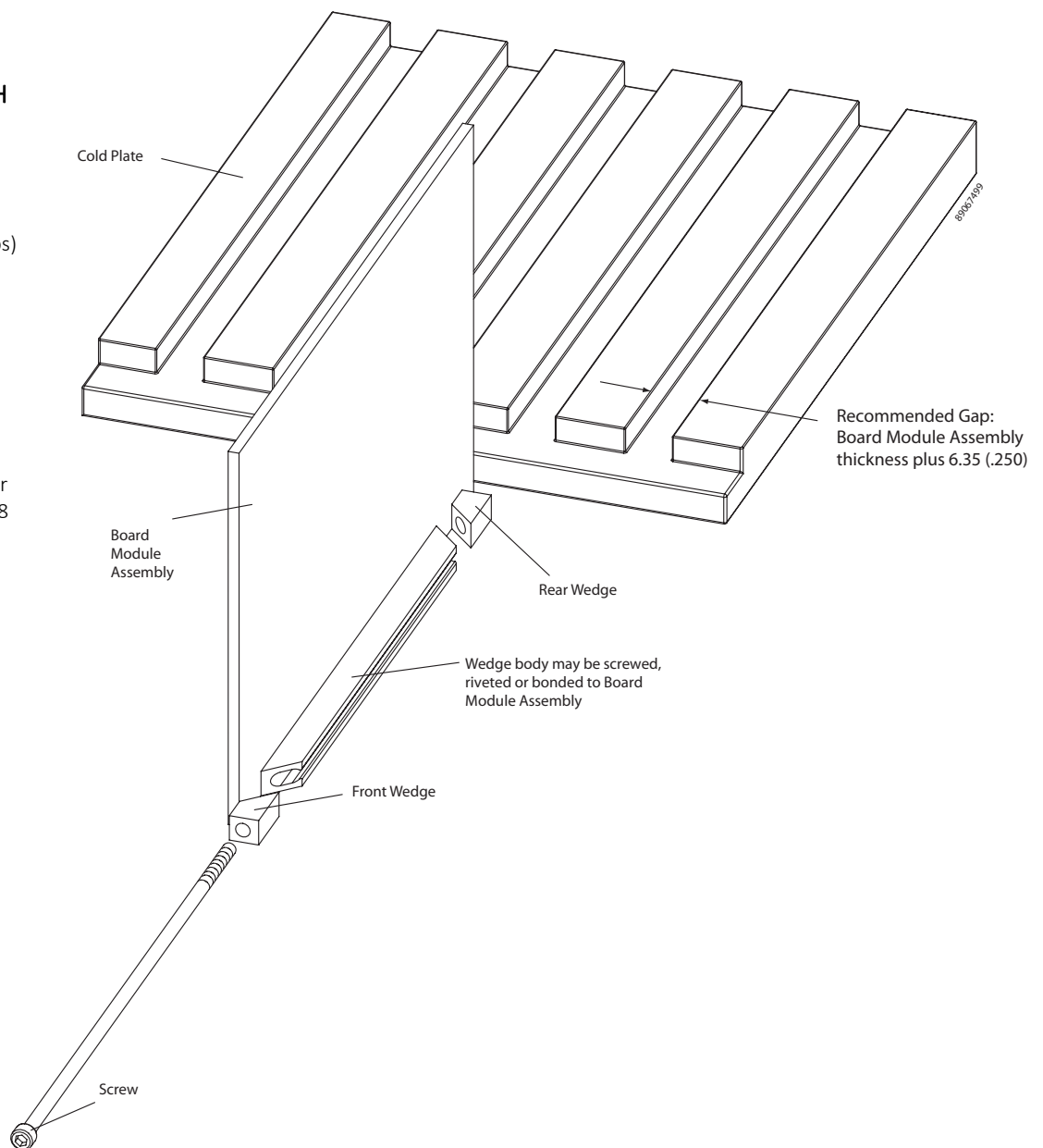
**Finish:**  
See finish table on opposite  
page

### SCREW

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

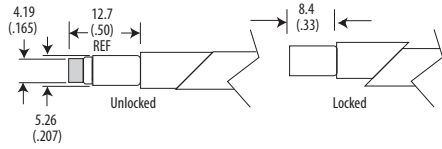
**Material:**  
Stainless steel per ASTM-  
A582

**Finish:**  
Passivate per AMS2700



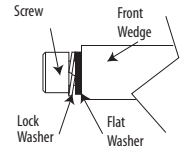
## Detail "V"

Provides visual lock indication.



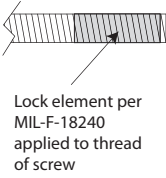
## Detail "W"

Provides added resistance to loosening from shock and vibration. This option adds no additional screw length unless combined with the "R" suffix option, then adds 2.5 (.10) total.



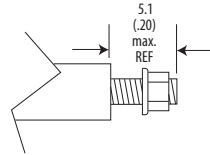
## Detail "L"

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



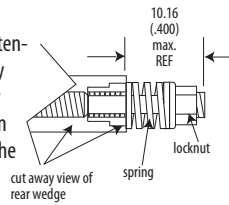
## Detail "R"

Reduces the possibility of unintentional disassembly of the screw from rear wedge. This option adds no additional screw length with or without "CR" unless included with "W" option, then 2.5 (.10) total.



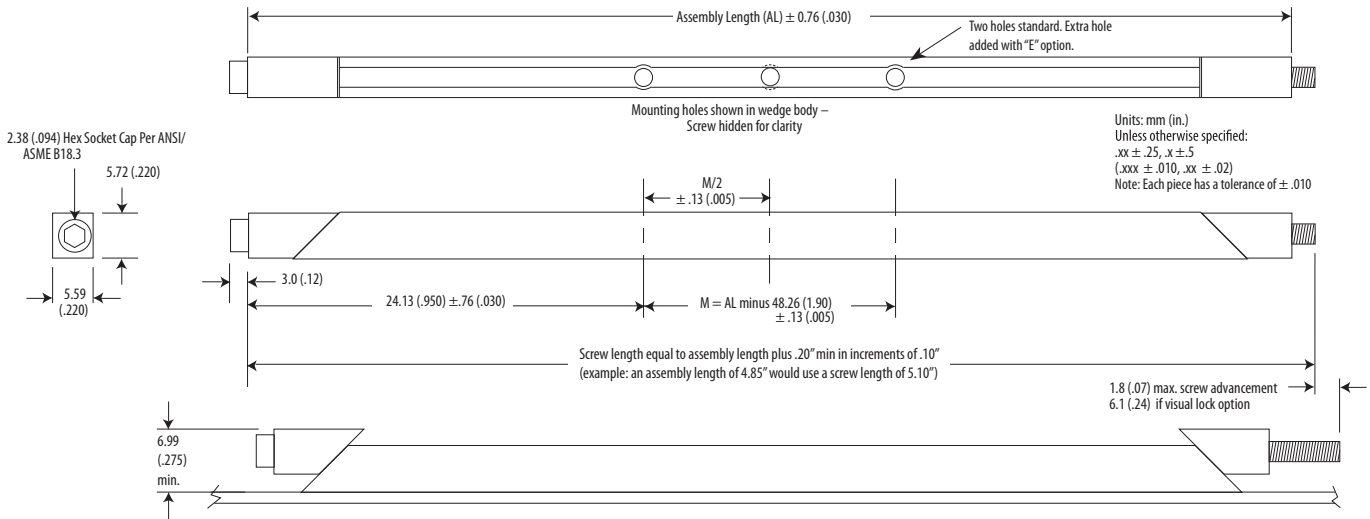
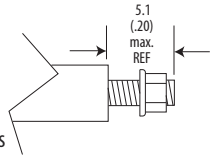
## Detail "K"

Prevents the unintentional disassembly of screw from rear wedge. This option adds 5.1 (.20) to the screw length.



## Detail "CR"

If the "R" option is included with this "CR" option, then the locknut is stainless steel.



### Part Number Code Series 230 Card-Lok Three Piece

#### Prefix options

Metric Screw Head M2.5 Hex Drive M  
Standard Screw Head 3/32 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 "R" option is selected CR  
Standard 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 see table  
Lock Element L  
None [blank]  
Lock Nut R  
Captive Screw K  
None [blank]

### Part Number Code Example:

VA230CR-4.80HR

Series 230 Card-Lok three piece 121.9 (4.80) long with visual indicator, black anodize finish, standard rivet mounting holes and stainless steel lock nut option

#### Code Letter FINISH TABLE

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

#### Code Letter MOUNTING METHOD TABLE

Code Letter	Method
[blank]	No mounting holes
"H"	Rivet Mounting Ø1.70 (.067) hole with 3.96 (.156) counterbore x 4.19 (.165) deep and 100° x 3.56 (.140) countersink
"T0"	0-80 tapped hole
"T2"	2-56 tapped hole
"TM2"	M2 x 0.40 tapped hole
"TM2.5"	M2.5 x 0.45 tapped hole