

**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 ASTM-B221 or AMS-QQ-A-200/8

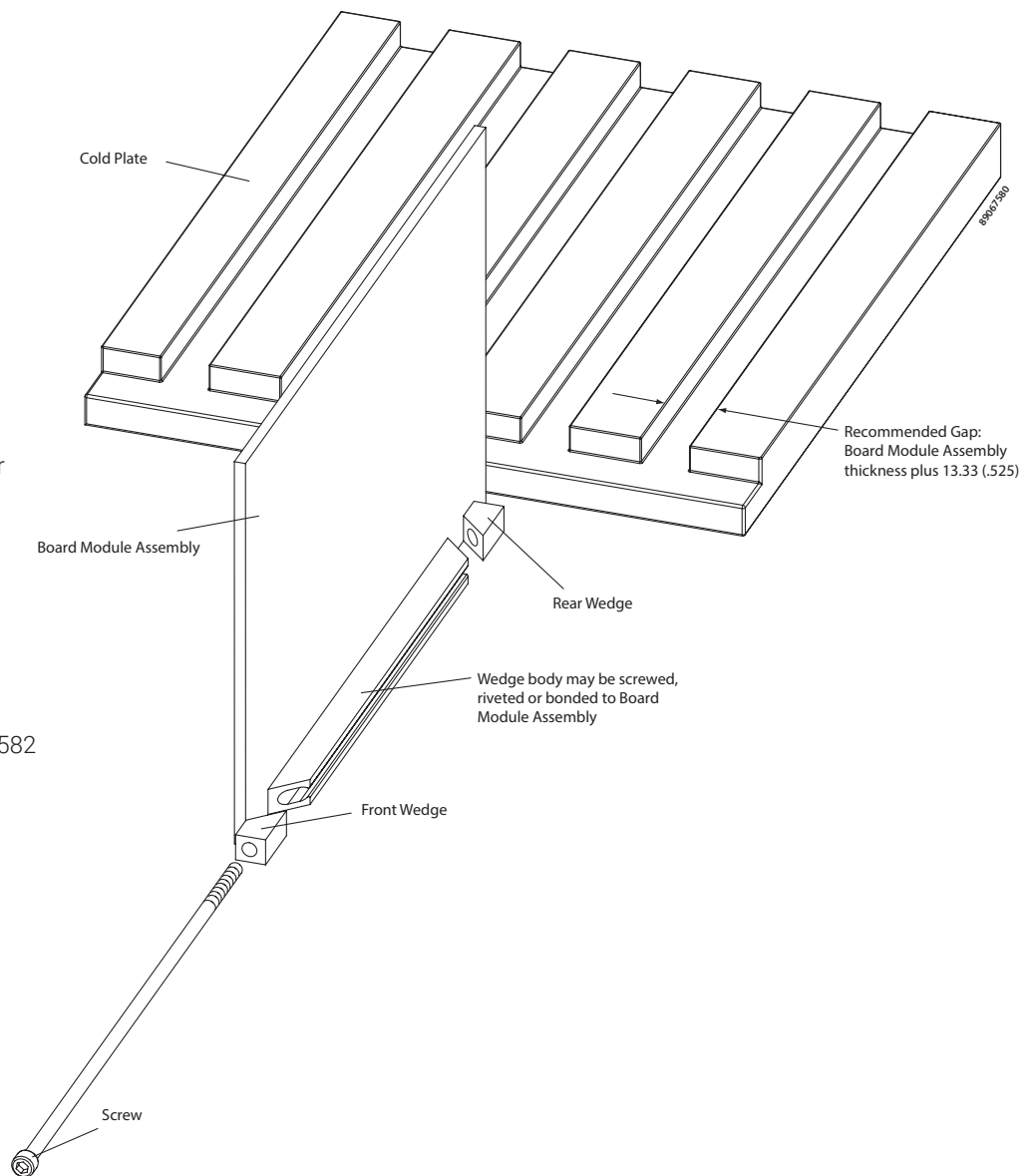
**Finish:** See finish table on opposite page

**SCREW**

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

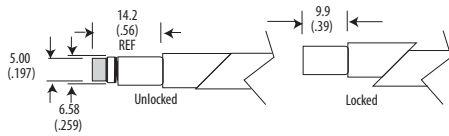
**Material:** Stainless steel per ASTM A-582

**Finish:** Passivated per AMS2700



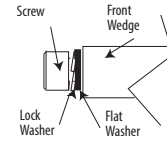
**Detail "V"**

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



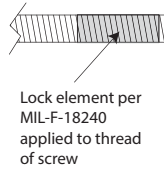
**Detail "W"**

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"**

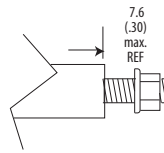
Provides prevailing torque for resistance to loosening from shock and vibration. Adds 57 N-cm (5 in-lbs) torque to assembly. See application data on previous sheet.



Lock element per MIL-F-18240 applied to thread of screw

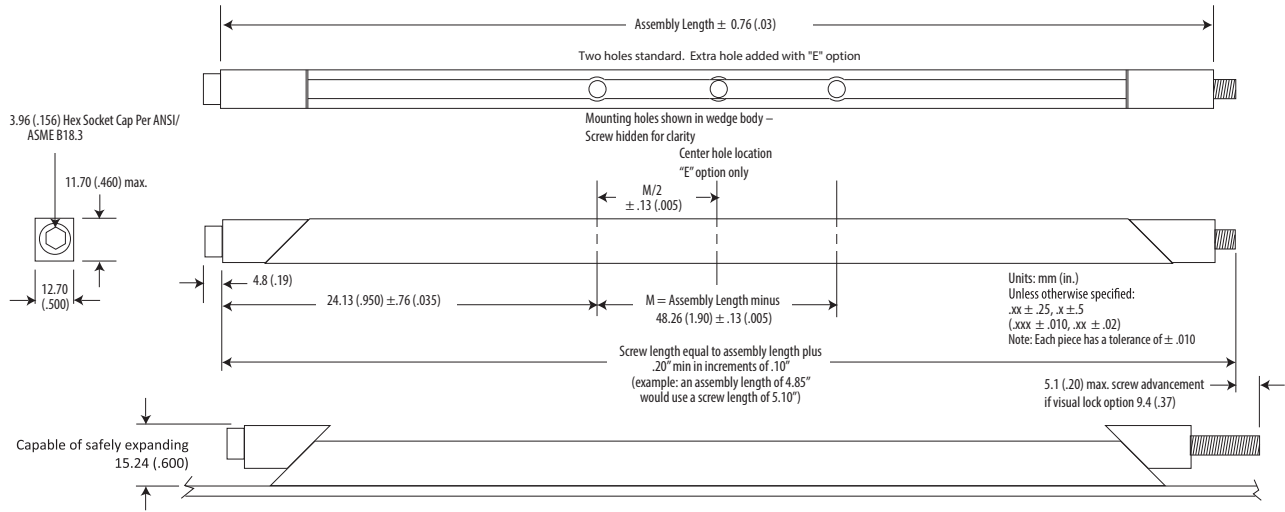
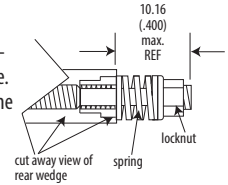
**Detail "R"**

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 (.20) to the screw length.



Part Number Code		Series 255 Card-Lok Three Piece	
<b>Prefix options</b>	M W V A	255 -	3.80 E H L R
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		
<b>Suffix options</b>			
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). Other lengths available upon request		length.xx	
Additional Center Mounting Hole	E		
None	[blank]		
Mounting Options - holes for rivet mounting or choose from Mounting Option Table	H		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
[blank]	Chemical Film per Mil-DTL-5541 Class 1A, Type 1, 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
"EN"	Electroless Nickel per Mil-C-26074 Class 4, Grade B, Bright

**MOUNTING METHOD TABLE**

Code Letter	Method
[blank]	No mounting holes
"H"	Rivet Mounting Ø3.45 (.136) hole with 4.95 (.195) counterbore x 9.91 (.390) deep and 100° x 4.95 (.195) 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

