



SERIES 245 CARD LOK

RECOMMENDED GAP WIDTH

PCB + 7.62 (.300)

RECOMMENDED TORQUE

113 N-cm (10 in-lbs)

With "L" option 147 N-cm (13 in-lbs)

WEIGHT

1.77 g/cm (.159 oz/in)

MATERIALS AND FINISH

WEDGES

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

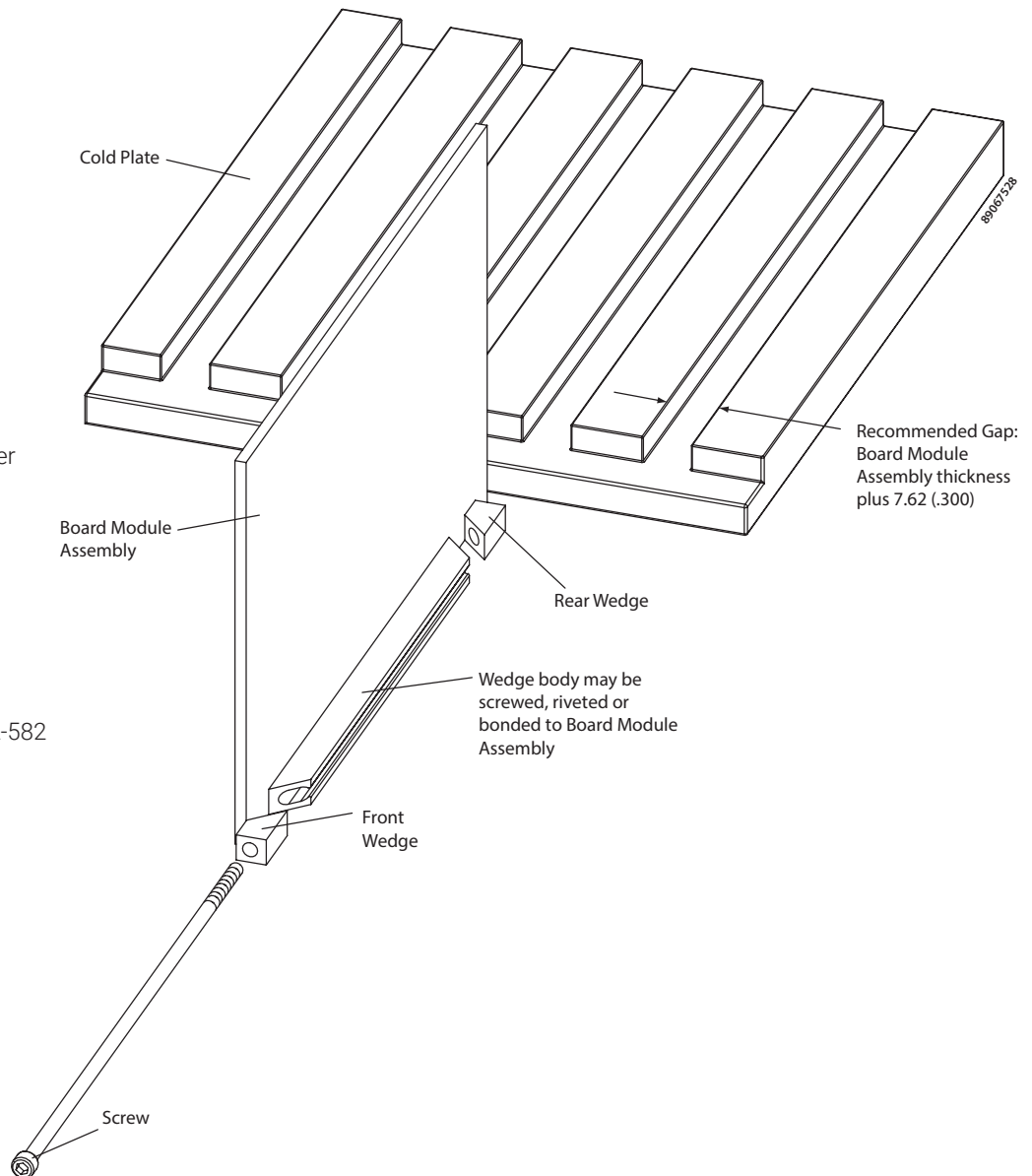
Finish: See finish table on opposite page

SCREW

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

Material: Stainless steel per ASTM A-582

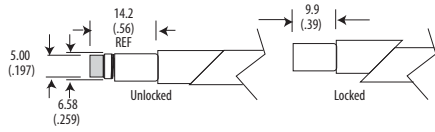
Finish: Passivated per AMS2700



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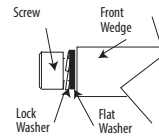
Detail "V"

Provides visual lock indication. Changes hex drive to 2.38 (.094). This option adds 5.08 (.20) to screw length



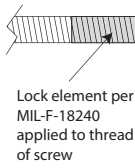
Detail "W"

Provides added resistance to loosening from shock and vibration. This option adds 2.5 (.10) to the screw length when combined with the "R" suffix option.



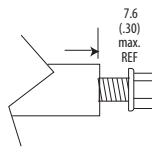
Detail "L"

Provides prevailing torque for resistance to loosening from shock and vibration. Adds 34 N-cm (3 in-lbs) torque to assembly. See application data on previous sheet.



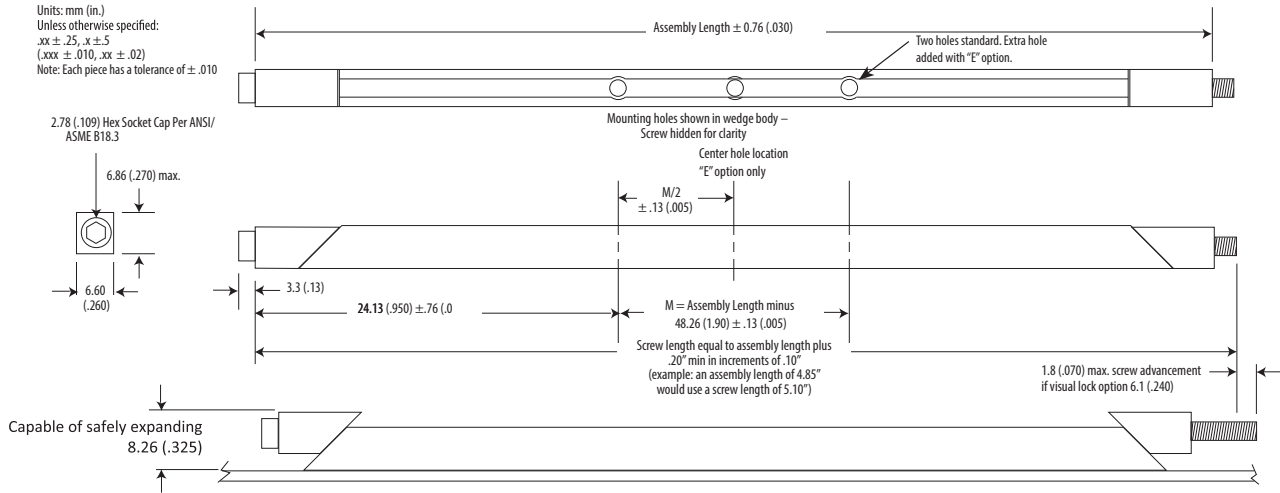
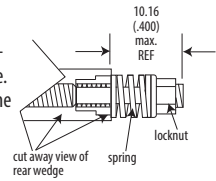
Detail "R"

Reduces the possibility of unintentional disassembly of the screw from rear wedge. This option adds 2.54 (.10) to the screw length unless when combined with the "W" suffix option, then it adds 5.08 (.20).



Detail "K"

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



Part Number Code Series 245 Card-Lok Three Piece

Prefix options

Metric Screw Head M2.5 _____ **M**
Standard Screw Head 7/64 _____ [blank]
Lock and Flat Washer _____ **W**
None _____ [blank]
Visual Indicator (changes hex drive to 3/32) _____ **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 Plated Steel _____ **" "**
Assembly length in inches. Standard lengths range from 71.12 (2.80), 96.52 (3.80) and 121.9 (4.80). _____ **length.xx**
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:

245-3.80H Series 245 three piece Card-Lok, 96.52 (3.80) long, gold chemical film finish with holes for rivet mounting

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 Ø1.70 (.067) hole with 3.96 (.156) counterbore x 5.08 (.200) 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



SCHROFF