

Series 245 Card-Lok



Meets **VITA** 46, 48.2, 48.4 and 48.5
In alignment with the
SOSA® Technical Standard

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

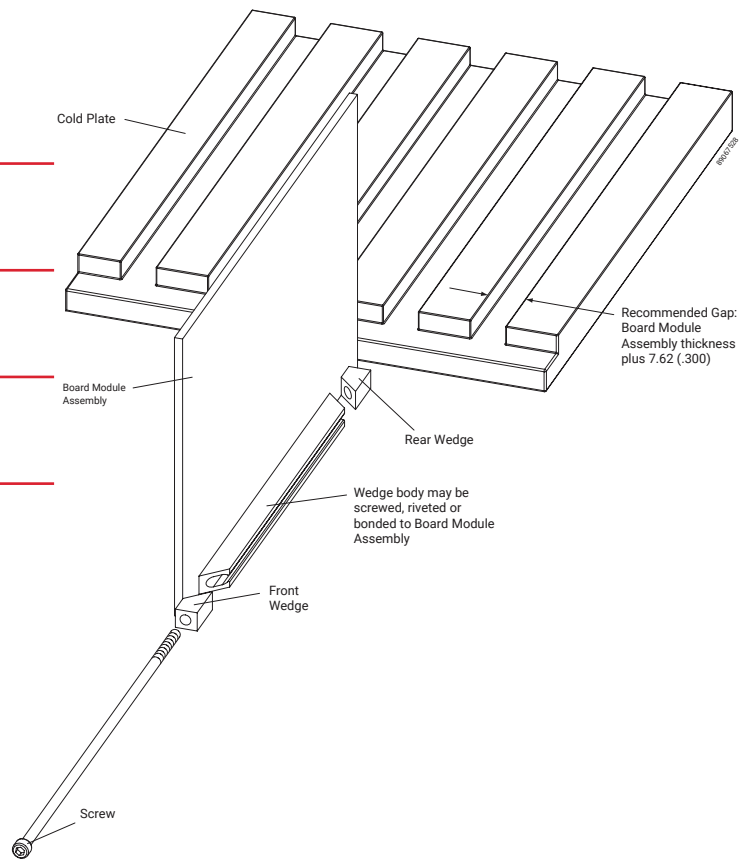
Wedges

- **Material:** Aluminum Alloy 6061-T6 per ASTM-B221 or AMS-QQ-A-200/8
- **Finish:** See finish table on opposite page

Screw

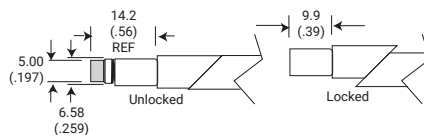
.09 in. or 2.5 mm hex. socket head cap screw, depending on mounting configuration

- **Material:** Stainless steel per ASTM A-582
- **Finish:** Passivated per AMS2700



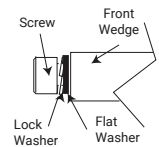
Detail "V"

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



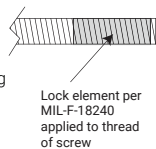
Detail "W"

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.



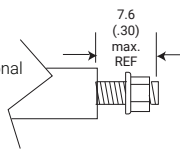
Detail "L"

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.



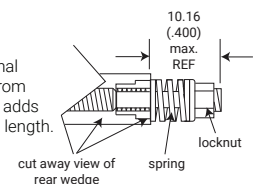
Detail "R"

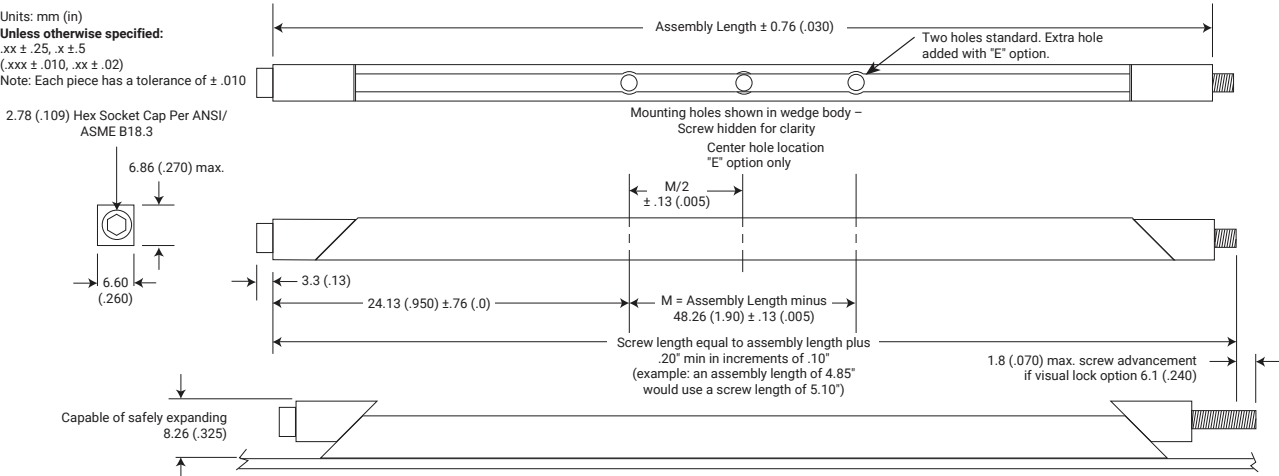
Reduces the possibility of unintentional disassembly of the screw from rear wedge. This option adds 2.54 (.10) to the screw length unless when combined with the "W" suffix option, then it adds 5.08 (.20).



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

M W V A 245 - 4.80 E H L R

Prefix options

Metric Screw Head 2.5 mm _____ 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
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:
245-3.80H
Series 245 three piece Card-Lok, 96.52 (3.80) long, gold chemical film finish with holes for rivet mounting

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

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

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