



Series 250 Card Lok

RECOMMENDED GAP WIDTH

PCB + 10.80 (.425)

RECOMMENDED TORQUE

226 N-cm (20 in-lbs)

With "L" option 271 N-cm (24 in-lbs)

WEIGHT

3.63 g/cm (.325 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

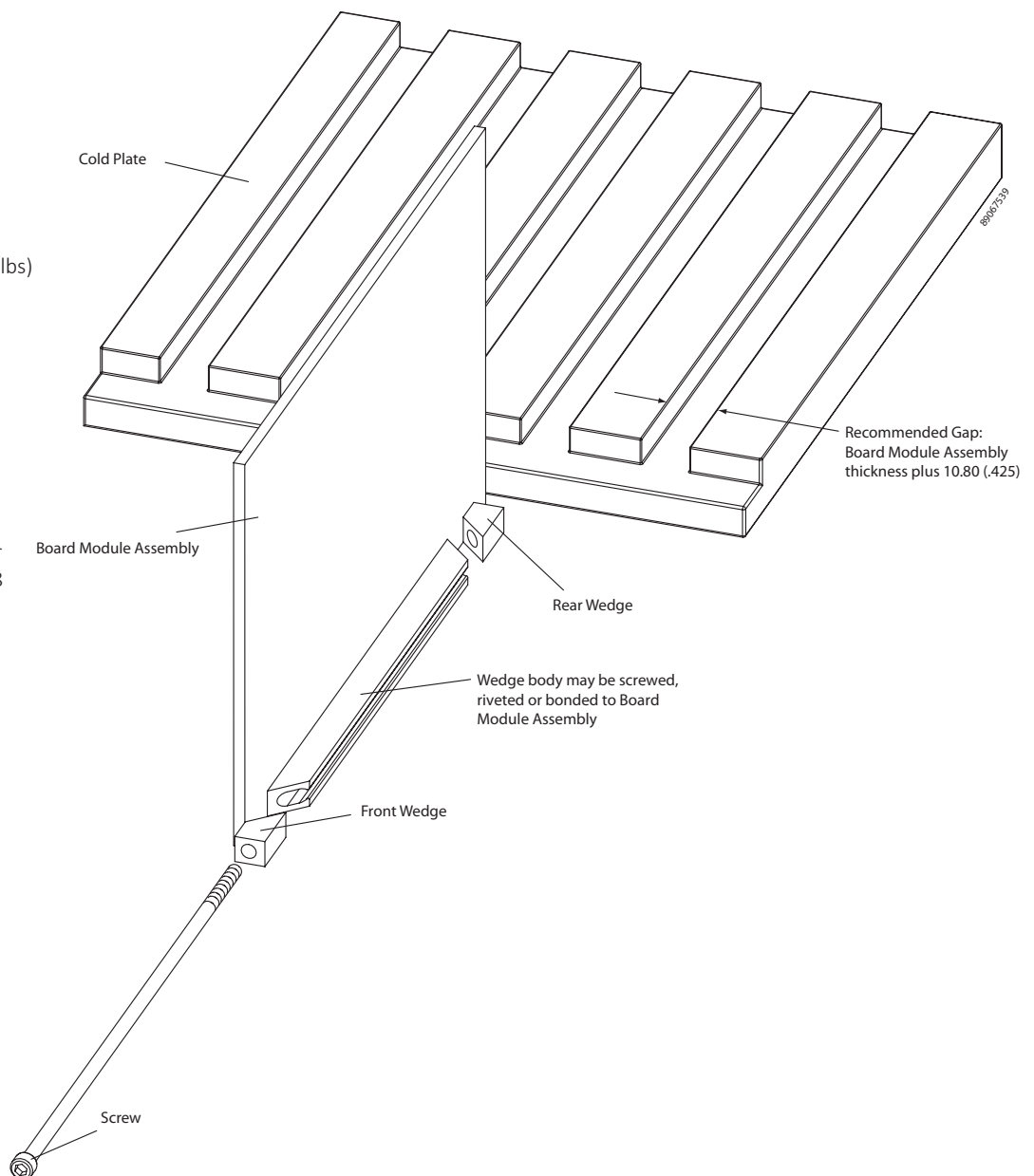
.09-in. or 2.5-mm hex. socket head cap screw, depending on mounting configuration

Material:

Stainless steel per ASTM-A582

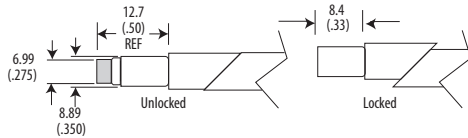
Finish:

Passivated per AMS2700



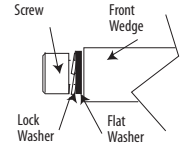
Detail "V"

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



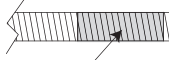
Detail "W"

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"

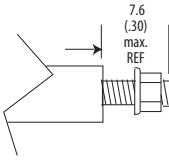
Provides prevailing torque for resistance to loosening from shock and vibration. Adds 45 N-cm (4in-lbs torque to assembly. See application data on previous sheet..



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

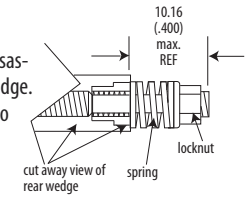
Detail "R"

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 5.08 (.20) total.

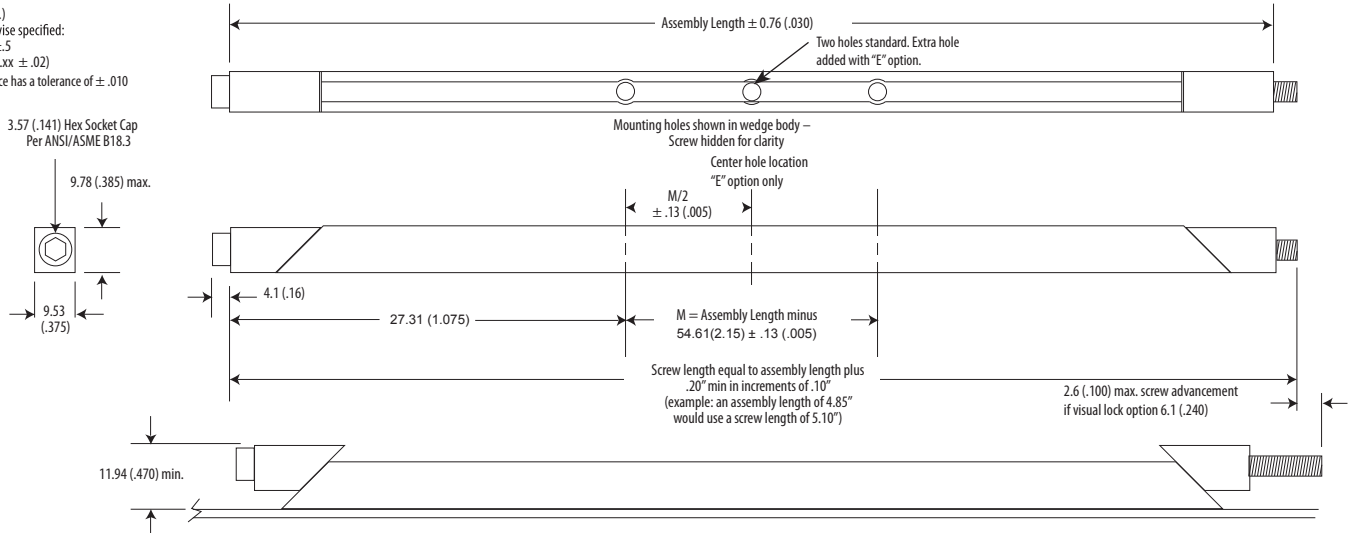


Detail "K"

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



Units: mm (in.)
Unless otherwise specified:
xx ± .25, x ± .5
(xxx ± .010, xx ± .02)
Note: Each piece has a tolerance of ± .010



Part Number Code Series 250 Card-Lok Three Piece

Prefix options

Metric Screw Head M4 Hex Drive **M**
Standard Screw Head 9/64 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 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:

V250CR-4.80HR

Series 250 Card-Lok three piece 121.9 (4.80) long with Visual Indicator, gold chemical film 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 7.62 (.300) 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