

Series 255 Card-Lok

CONNECT AND PROTECT



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

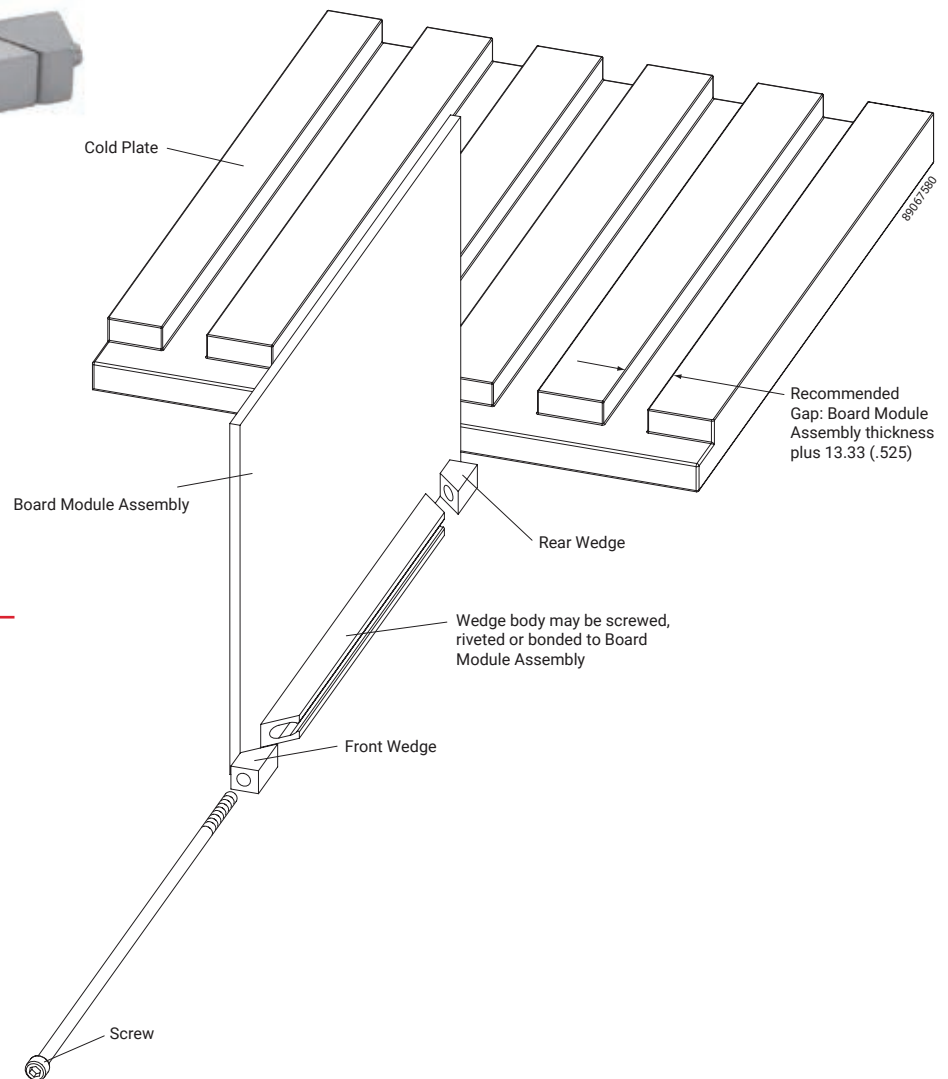
WEDGES

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

SCREW

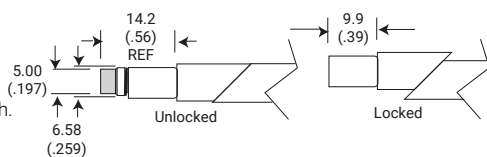
.09-in. or 2.5-mm hex. socket head cap screw, depending on mounting configuration

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



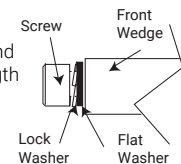
Detail "V"

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



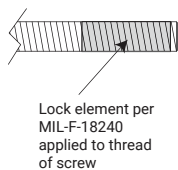
Detail "W"

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.



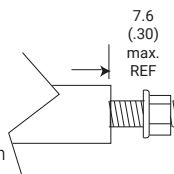
Detail "L"

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



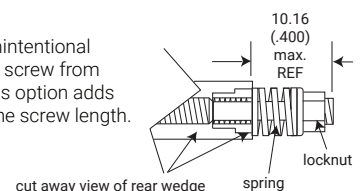
Detail "R"

Reduces the possibility of unintentional disassembly of the screw from rear wedge. This option adds no additional screw length unless included with "W" option, then 5.1 (.20) total.

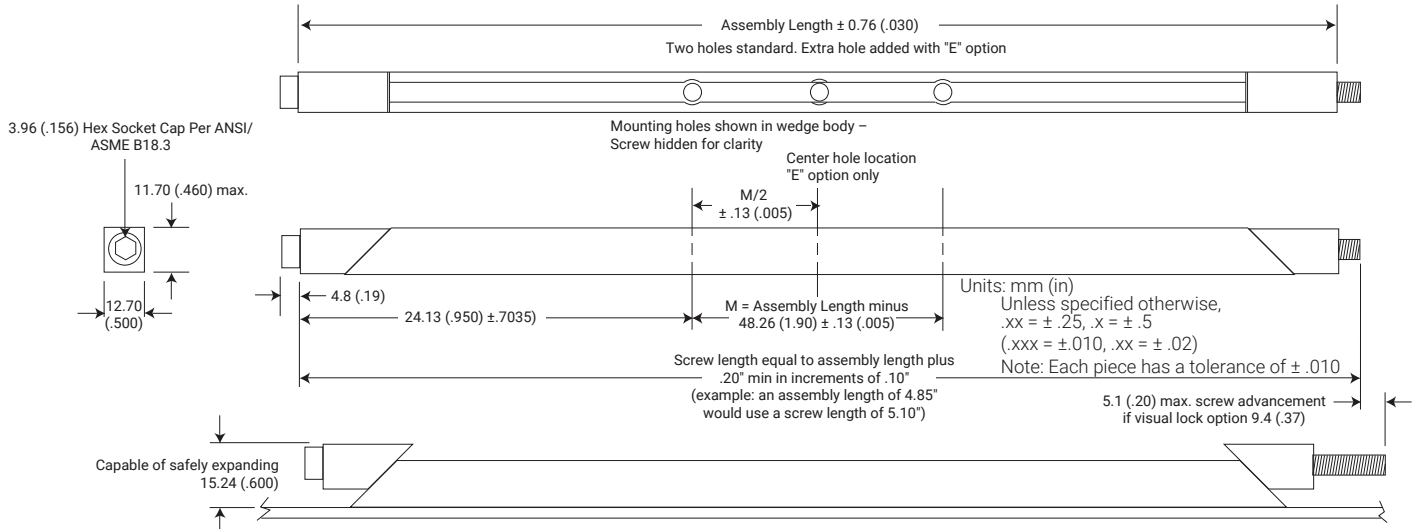


Detail "K"

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



SERIES 255 CARD-LOK



Part Number Code
Series 255 Card-Lok Three Piece

M W V A 255 - 3.80 E H L R

Prefix options
 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

Suffix options
 Stainless Steel Lock Nut if "CR" 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
 Captive Screw _____ K
 None _____ [blank]

Part Number Code Example:

V255CR-4.80HR
 Series 255 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 9.91 (.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

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